

187

WINDS.			LEEWAY			Remarks		
Monday day of 21 st Feb. 1876								
2	4	SE	Breeze from the Northward and Eastward and fine pleasant weather					
6	4							
7	3							
8	3	SE	Midnight					
9	6		fresh breeze and					
10	6		Squally handed light sails					
11	6							
12	6							
1	3							
2	4							
3	3							
4	2							
5	2							
6	2							
7	2							
8	4		Moderate breeze					
9	4		Sea running					
10	4							
11	4		Latitude of Obs 28 31 N					
12	4		Longitude of Obs 110 15 W					
Pump & Carefully attended to								
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United States

H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks	Wednesday day of 23 rd Feb. 1876
1	3		NE THE PRESIDENT'S TRIP.				Moderate breezes
2	3		Scenes in Porto Rico.				Northward and
3	3						Westward and thick weather
4	3		ENE	North			with rain
5	3						
6	2						

Midnight -

and thick
 weather (at 5 A.M.)
 fresh breeze. handed Loggallant
 Sails

11	1						
12	1						
1	1		East	N.N.E			
2	1						
3	1						
4	1						
5	3						
6	3		NE & E	N.N.W			
7	3						
8	3						
9	3						
10	3						
11	3						
12	3						

Latter Part-

Moderate breeze
 and thick weather

No Obs this day
 Pump Duty Attended to

Commemoration of the Portsmouth Peace Conference, September 5, 1906.

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks	Thursday day of 24 th Feb. 1876
2	3						ris from
3	3						The Northward and Westward and
							Cloudy weather
6	7						Upper
7							to or
8	3						St. Bank
9	3						
10	3						
11	3						fresh gales and high
12	3						rolling
1	2		North	2 Points	Great quantities		Shipping
2	2						water on decks
3	2						Under easy canvas
4	2						
5	2		ENE				
6	1						Latter Part-
7	1						and more moderate
8	1						The Sea. The same vessel. Still
9	1		ENE	3 Points	rolling and		Shipping
10	1						
11	1						
12	1						Latitude of Obs 31-05 N

Pumps Duty Attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Bk. *Emerson* - *Transcendental* - *Journal* - *1876*

H.

ABRAHAM LINCOLN

1876

1 *with light-breeze and*
2 *at weather*
3 *(at 2 PM)*

4 *with a heavy swell from*
5 *ward and Eastward*
6 *regret. rooling heavy*

7 *Higher-buffing air*
8 *weather*

9 *West*
10 *Rock*

11 *Gentle breeze*
12 *asant-weather*

1 *Made all sail*

2 *Latitude of Obs 31.20 N*

3 *Pumps Duly Attended to*

Course.	Distance.	D.	Lat.	Dep.	re.	Lat.	D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	WAY,	Remarks
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1	2		N. E	West		<i>Saturday day of 26th Feb 1876</i>
2	3					<i>Corn with all moderate breeze</i>
3	4					<i>from the westward and</i>
4	4					<i>fine weather</i>

5	4					
6	4			N. S. N		
7	5					

8	5					<i>Midnight</i>
9	6					<i>fresh breezes and</i>
10	6					<i>fine weather</i>
11	6					

12	6			S. N		
1	7					

2 *Ball's Part*

3 *Moderate breeze*
4 *and hazy weather*

5 *Latitude of Obs 33.29 N*

6 *Pumps Duly Attended to*

Cours	D.	Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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[illegible]A vertical strip of a torn, aged document. It features a dark, irregular ink smudge or blotch in the center, and a small, dark circular mark near the bottom. The paper is heavily textured and discolored.

Sh

Batter Part-
Light breezes
and overcast-weather
Latitude of Obs 34° 26' N

Pump & Carefully Attended to

R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks
1	1		NE	SE		Tuesday day of 29 th February 1876
2	1					Begins with light-buffing air
3	1		NE	SE		and cloudy weather
4	1					(at 7 PM)
5	1			SE		Wind shifted to the North
6	3					fresh-handed all light-
7	3					Sails Upper Topsails and
8	2		E NE	East-	2 Points	Mainsail heavy Thunder
9	2			North		
10	2					
11	2		E NE		de de	Midnight-
12	2					fresh breezes
1	2					and thick weather
2	2					
3	2					
4	2		NE	NE	de de	
5	2					
6	2					Batter Part-
7	2					fresh gales
8	2					and high sea running vessels
9	2					labouring heavy
10	2					under E. g. canvas
11	2					No Obs this day
12	2					

Pumps Daily Attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
1	2		NE	NE	3 Points	Wednesday day of 1 st March 1876
2	2					The wind still continues fresh
3	2					Gales from the Northward and
4	2					Westward and thick weather
5	2					Vessel rolling heavy labouring heavy
6	2					
7	2					
8	2					Midnight-
9	2					More Moderate
10	2					
11	0					
12	0					
1	0					
2	0					
3	0					Batter Part-
4	0					light breezes
5	0					and cloudy
6	0					Made sail
7	0					as wind & sea would permit
8	0					
9	0					
10	2		NE	NE	2 Points	No Obs this day
11	2					
12	2					

Pumps Daily Attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
						Thursday day of 20 th March 1876
1	2					
2	2					fresh breezes from
3	2					the Northward and Westward
4	2					leaves
5	2					(At 8 AM)
6	2					Wind lanted to S. with rain
7	2					
8	2					
9	2					
10	3					
11	3					fresh breezes and
12	3					thick weather
1	3					At 8 AM
2	3					Wind lanted to the Northward
3	3					and Westward lanted to the
4	3					Upper Toppaie and Manesie
5	3					
6	3					
7	3					
8	3					
9	3					Latitude Part
10	3					fresh breezes
11	3					and High Sea
12	3					No. Cts this day
						Pumps Dry Attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks
						Friday day of 30 th March 1876
1	3					Begin with fresh breezes from
2						the Northward and thick weather
3						(At 1 PM)
4						Wind and Sea increasing lanted
5						Maine Upper Toppaie, Toppaie, Jib
6						and Spanker and more ship to
7						the Northward and Eastward
8						and more to.
9						
10						Midnight
11						fresh gale and high
12						Sea running V. high rolling and
1						laboring by washing badly
2						Spl. & Lower Fore Toppaie
3						
4						
5						
6						
7						
8						Ends
9						Wind more moderate
10						bad Sea still running
11						Latitude of Cts 3746
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob.
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob.
<i>Sumpt. Survey Attended to</i>									

H. K.

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Remarks

Monday day of 6th March 1876

Begins with a light breeze
from the Westward and fine
pleasant weather
(All Sail Set)

South

Midnight
Moderate breeze
and fine weather

Latter Part

Moderate
breezes and fine

(at 11 am)
Received New York Pilot
on board from Pilot Boat
No 17
At 12 noon
Barnegat Light House bore
N by E 1/2 S 20 miles

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H. K.

 $\frac{1}{2}$ K.

COURSES,

WINDS,

LEEWAY.

Remarks

Tuesday day of 7th March 1876

Cont with a light breeze from
the Southward and fine weather
(at 7:30 PM)

passed Highland lights
(at 1 am)

Came to anchor at Staten
Island.

(at 8 am)

Made Sail and got under way
at 11 am took Steam and
towed to Tobias Stiers Brooklyn
and made fast - furled all
Sail

Pumped Ship

Discharged Seaman and
Second Mate.

Steward came aboard
and got ready for discharging
Cargo

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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towards

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks	day of	187
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks	day of	187
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Bk. Endeavour New York

Alicante Spain

H	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,
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2					
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11					
12					
1					
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7					
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9					
10					
11					
12					

Thursday day of 23rd March 1876
 Begins with light breezes from the Southward and Westward and thick weather (at 2 P.M.) Pilot and Crew
 Came on board. Cast off from the wharf and took Stear and towed down to Staten Island and came to Anchor. Wind light from the Southward
 Bark. Left. New York for Alicante Spain (March 23rd 1876)
 With a Crew of Negro? Seaman (Pumped. Ships)
 So Ends this day
 (Second. Mate Came on board March 22nd 1876)

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

Friday day of 24th March 1876

Coms with a light air from the Northward and Westward (at 7 A.M.)
 hove up anchor and got underway at 12 noon. Calm. Came to anchor
 Walter Port (at 3 P.M.)
 Wind parted to the Southward and Eastward hove up anchor and stood back to Staten Island and came to anchor furlled all sail
 Midnight fresh breeze and thick weather with rain

Saturday 25th 1876.

All of this day fresh breezes from the Southward and Eastward and thick weather with rain
 Midnight
 The wind parted to the Westward and cleared up.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Bk. Endcaron New York

Alicante Spain

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks
1						Sunday day of 26 th March 1876
2						Begins with moderate breeze
3						from the Westward and fine
4						weather (at 6 PM)
5						Pilot-Came on board
6						here up anchor and got underway
7						and proceeded to Sea
8						(at 10 AM)
9						Discharged Pilot
10						(at 12 noon)
11						Highland light bore of N. dist-
12						about 14 miles
1						which I take my
2						Dept from
3						This day Log is for
4						12 hours
5						This day Ends light-begins
6						from the Westward
7						(All Sails Set)
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks	Monday day of 27 th March 1876		
1	4		SE	NRW		Coms with light breezes from the	Northward and Westward and		
2	4					pleasant weather			
3	4								
4	4								
5	5		SE	NRW					
6	5								
7	6					Midnight			
8	6					Fresh breezes and			
9	6					Cloudy			
10	7					All drawing Sails Set			
11	7								
12	7								
1	7								
2	7								
3	7								
4	7								
5	7								
6	7								
7	7								
8	6	5				Strong breeze and			
9	6					high Sea running			
10	6								
11	6								
12	6								
						Latitude of Obs 38 58 N			
						Pumps & Deely Attended to			
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

James E. Mountfort - Master 1816

Tuesday day of 28th March 1876

H	K.	$\frac{1}{2}$ K	COURSES	WINDS,	LEEWAY,
1	6		Off E.	W. N. W.	
2	6				
3	6				
4	6				
5	6				
6	6				
7	6				
8	6				
9	5				
10	5			N. W.	
11	5				
12	5				
1	5				
2	5				
3	5			N. N. W.	
4	4				
5	4				
6	4				
7	4				
8	3				
9	3				
10	0				
11	0				
12	2		Off E.	S. E.	

Begins with fresh breezes from the North and Westward and Cloudy a high Sea running vessel watching badly

Midnight - Light breeze and Cloudy weather

Scatter Part - Light air and Calm at 12 noon wind carried to the South and Eastward

Latitude of Obs 38° 04' N

Pumps Daily Attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.
1	3		Off E.	S. E.	
2	3				
3	3				
4	3				
5	4		Off S.		
6	4				
7	4				
8	4		Off S. S. E.		2.
9	5				
10	5				
11	5				
12	4				
1	4		Off S. E.	South 3	
2	4				
3	3				
4	3				
5	3				
6	3				
7	3				
8	3				
9	2				
10	2				
11	2				
12	2		Off S. E.	S. S. W.	4

Wednesday day of 29th March 1876

Begins with moderate breezes from the Southward and Eastward and thick weather (at 8 P.M.) handed light Sails

Midnight - Fresh breezes handed Topgallant Sails and Fore Upper Top sail at 8 AM handed Main Upper Top sail Mainsail and Spanker

Scatter Part - fresh gales and heavy Sea running vessel. Sailing heavy of decks full of water handed Foresail & Jib

Pumps well Attended to

No Obs this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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JOURNAL from

Bark Endeavour New York

towards

Alicant Spain

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks
1	2		E.S.E	Scum 3		Thursday day of 30 th March 1876 Begins with light breezes and high sea running vessels brooding heavy shipping great quantity of water on deck
2	2					
3	2					
4	2		S.S.E	SW		
5	2			West		
6	1					
7	0					
8	0					
9	2			NW		
10	3					Midnight
11	3					Wind light Sea Sec
12	3					running high at 5 AM
1	3					Wind shifted to the North and Westward and Rink weather with rain at 8 do
2	3		S.E.	North		Sea moderated Set upper Topsails
3	3					
4	3					
5	4					
6	4					
7	4					
8	3					Boiler Part
9	3					Moderate breezes and thick weather with rain made all drawing Pails
10	3					Pumps duly attended to
11	3					No. 10 this day
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
1	4		S.E.	N.N.E		Friday day of 31 st March 1876 Coms with moderate breezes from the Northward and Eastward and thick weather (at 3 P.M.) Wind shifted to the NW in a heavy Squall handed Topgallant Sails Fore upper Topsails Mainmast Gib and Spanker
2	4					
3	3			NR		
4	3					
5	3		S.E.			
6	3					
7	2					
8	2					
9	2					
10	3			N.N.W		
11	4					Middle and Boiler Part
12	4					breezes and Squally fresh weather
1	4					
2	4					
3	4					
4	5					
5	3					
6	5			N.W		
7	6					
8	6					Latitude by Obs 36.24 N
9	6					
10	6			N.W		
11	6					Pumps duly attended to
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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JOURNAL from

towards

James C. Mearns Fort Master 1876

H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
1	6	5	SE	N.N.W		Saturday day of 1 st April 187
2	6	"				All of this day fresh breezes
3	6	"				from the Northward and
4	6	"				Westward and Squally weather
5	6	"				
6	6	"				
7	6	"				
8	6	"				
9	6	"	SE			
10	6					
11	6					
12	6					
1	6					
2	6					
3	6					Ends The Same
4	6					and Squally fresh breezes
5	6					
6	5					
7	5					
8	6					
9	6					
10	6					Latitude of Obs 36 05 N
11	6					Pumps Daily Attended to
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
1	6	5	SE	N.N.W		Sunday day of 2 nd April 1876.
2	6	"				The wind and weather still
3	6	"				continues the same fresh breeze
4	6	"				and Squally weather
5	6	"				
6	7					Midnight
7	7					heavy squalls and high
8	7			N.W		Sea running vessel rolled & heavy
9	7					washing badly
10	7					
11	7					
12	7					
1	7					
2	7					Ends
3	7					Wind more moderate
4	7					Sea still running high decks
5	7					flooded with water
6	7					Under easy going sail
7	7					at 6 AM wind more of N.W
8	7			N.W		
9	7					
10	7					Latitude of Obs 35 28 N
11	7					Pumps Strictly Attended to
12	7					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Bark Endeavor New York *Alcanto Spain*

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks
1	2		ESE	South S		Thursday day of 30 th March 1876 Begins with light breezes and high sea running vessel brooding
2	2					
3	2			SW		
4	2		ESE	West		Heavy Shipping great quantity of water on deck
5	2					
6	1					
7	0					
8	0			NW		
9	2					Midnight
10	3					Wind light Sea Rec
11	3					running high at 5 AM
12	3					Wind Carried to the North and Westward and thick weather with rain at 5 do
1	3		SE	North		Sea moderated Set upper Topsails
2	3					
3	3					
4	3					
5	4					
6	4					
7	4					Boiler Part
8	3					Moderate breezes and thick weather with rain
9	3					Made all drawing sails
10	3					
11	3					Pumps duly attended to
12	3					No Obs this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
1	4		SE	NNE		Friday day of 31 st March 1876 Comd with Moderate breezes from the Northward and Eastward and thick weather (at 3 PM) Wind Carried to the NW in a heavy Squall. hauled Topgallant Sails Perd upper Toppails Mainmast Gib and Spanker
2	4					
3	3			NW		
4	3					
5	3		SE of E			
6	3					
7	2					
8	2					
9	2			NNE		
10	3					Middle and Boiler Part
11	4					fresh breezes and Squally weather
12	4					
1	4					
2	4					
3	4					
4	5					
5	5			NW		
6	5					
7	6					Latitude by Obs 36.24 N
8	6					
9	6			NNE		
10	6					Pumps duly attended to
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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James E. Moringfort - Master 1876

H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
1	6	5	SSE	N.N.W		All of this day fresh breezes from the Northward and Westward and Squally weather
2	6	"				
3	6	"				
4	6	"				
5	6	"				
6	6	"				
7	6	"				
8	6	"				
9	6	"	ESE			
10	6					
11	6					
12	6					
1	6					Ends The Same fresh breezes and Squally
2	6					
3	6					
4	6					
5	6					
6	5					
7	5					
8	6					
9	6					
10	6					
11	6					
12	6					

Latitude of Obs 36 05 N
Pumps Due

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks
1	6	5	ESE	N.N.W		Sunday day of 2 nd April 1876. The wind and weather still continues the same fresh breezes and Squally weather
2	6	"				
3	6	"				
4	6	"				
5	6	"				
6	7					
7	7					
8	7			N.W		
9	7					
10	7					
11	7					
12	7					
1	7					Ends Wind more moderate Sea still running high decks flooded with water Under easy going sail at 6 P.M. wind more of N.W. breeze
2	7					
3	7					
4	7					
5	7					
6	7					
7	7					
8	7			N.W		
9	7					
10	7					
11	7					
12	7					

Latitude of Obs
Pumps Due

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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James C. Mountfort - Master (1876)

H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks	day of	187
							Wednesday	5 th April 1876
1	4		E.S.	North		Begins with moderate breezes		
2	4					from the Northward and cloudy		
3	4					weather a heavy swell. Sailed		
4	4					morning		
5	4							
6	4							
7	4							
8	3					Midnight		
9	3					light breezes and		
10	3					Clear weather		
11	3					Made all sail		
12	2			N.N.E				
1	2							
2	2							
3	2							
4	2							
5	2							
6	2					Boiler Part		
7	2					Calm and hazy		
8	0					at 11 am wind shifted to S.S.		
9	0					Southward		
10	0							
11	2		E.S.S. South			Latitude of Obs 34.53 N		
12	2					Pumps & Gully Attended to		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks	day of	1876
							Thursday	6 th April 1876
1	3	5	E.S.S. South			Comm with moderate breezes		
2	3	"				from the Southward and		
3	3	"				cloudy weather		
4	4					(at 10 P.M.)		
5	4					Squally handed light sails		
6	4							
7	4							
8	4							
9	5							
10	5					Midnight		
11	5					fresh breeze and		
12	5					Squally		
1	5							
2	5							
3	5							
4	6							
5	6					Boiler Part		
6	6					Moderate breeze		
7	6					and squally		
8	6							
9	4							
10	4					Pumps & Gully Attended to		
11	0					No Obs this day		
12	3							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Bk Endeavour New York

Alcanta, Spaine

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY	Remarks
1	4		E of S	Scrm	1 Point	Friday day of 7 th April 1876 First part of this day fresh breeze from the Scrm and Squaly weather
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	3		E of S			Middle and Latter Part
12	3					Squaly weather handed maresail and 2 Points Fore-liggers Toppails Gib and Spanker
1	3					
2	3					
3	3					
4	3					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

(3 Points) Ends The Same

Latitude of Obs. 36 00 N.

Pumps - Daily Attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
1	2		E of S	Scrm	2 Points	Saturday day of 8 th April 1876 Begins with a light breeze from the Scrm and heavy swell (at 3 30 PM)
2	2					
3	2					
4	2					
5	3					
6	3					
7	4					
8	4					
9	5					
10	5					
11	5					
12	5					
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5	5				
9	5	4				
10	5	4				
11	5	4				
12	5	4				

Midnight

Moderate breezes and fine weather

Latter Part-

Moderate breezes and cloudy a back. Scrm Sea running vessel rolling heavy

Latitude of Obs 35 50 N

Pumps? Daily Attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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JOURNAL from

towards

James E. Morenfort- Master 1876

H. K. $\frac{1}{2}$ K.

COURSES,

WINDS,

LEEWAY,

Remarks

day of

Apr

187

1 6
2 6
3 6
4 6
5 6
6 6
7 6
8 6
9 6
10 6
11 6
12 6
1 6
2 6
3 7
4 7
5 7
6 6
7 6
8 6
9 6
10 5
11 5
12 5

E S E

N. N. W.

N. N. W.

N. N. W.

N. N. W.

Sunday day of 9th Apr 1876
All of this day fresh breezes
from the Northward and Westward
and cloudy weather

Ends
Moderate breeze and
Clear weather

Latitude of Obs 35 47 N
Pumps & Deck Attended to

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H. K. $\frac{1}{2}$ K.

COURSES,

WINDS,

LEEWAY,

Remarks

day of

Apr

1876

1 5
2 5
3 5
4 5
5 5
6 5
7 4
8 3
9 3
10 3
11 3
12 3
1 3
2 2
3 2
4 2
5 2
6 2
7 2
8 2
9 2
10 2
11 2
12 2

E S E

N. N. W.

N E

S E by E

Monday day of 10th Apr 1876
Continued with moderate breezes
from the Northward and
Westward and fine weather
All drawing Salt Sea.

Midnight
and Cloudy Light-buffing wind

Latitudes Part-
Gentle breezes
and fine weather

Latitude of Obs 35 36 N
Pumps & Deck Attended to

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

JOURNAL from

towards

Bl Endeavour New York

Alcanta Spain

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks
1	/		SE	NE		Tuesday day of 11 th April 1876 Coms with a light air from the Northward and Eastward and Cloudy weather
2	/					
3	/					
4	/					
5	/					
6	/					
7	/					
8	/					
9	/					
10						Midnight-
11						Calm
12						
1						
2						
3						
4						
5	1		ENE	SE		Scatter Part
6	3					light breeze
7	3					and fine weather
8	3		NE	ESE		
9	3					
10	3					Latitude of Obs 35 42 N
11	3					Pumps duly attended to
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
1	3		NE	ESE	1 Pmt.	Wednesday day of 12 th April 1876 Begins with light breezes and fine weather
2	3					
3	3		ENE			
4	3		East-			
5	3					
6	3					
7	3					
8	3		E of N	ESE	2 Pmt.	Middle and Latter Part, fresh breezes and passing clouds
9	3					
10	3					
11	4					
12	4					
1	4					
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					Ends the same fresh breeze
8	4					
9	4					
10	4					Latitude of Obs 36 53 N
11	4					Pumps duly attended to
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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towards

		towards	
James E. Mount Esq -		Master 1876	
WINDS	LEEWAY	Remarks	Day of

Pumps July Attended to

[illegible]

Purposes Daily Attended to

[illegible]

JOURNAL from

towards

Bk. Endeavour New York

Alicante Spain

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks
1	3		SE 2 E	SE 1 N	1 1/2 Points	Saturday day of 15 th April 1876
2	3					All of this day fresh breezes from the Southward and Westward and Cloudy weather
3	3					
4	3					
5	3					
6	3					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					
1	4					(At 5 P.M.) Made Island Pagan.
2	4					Ends Moderate breeze and Cloudy (Made all Sails)
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					
						Latitude 37 38 N
						Pumps Duly Attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
1	4	5	SE 2 E	SE 1 N	1 1/2 Points	Sunday day of 16 th April 1876
2	4	"				All of these 24 hours Moderate breeze from the Southward and Westward and Cloudy weather
3	4	"				
4	4	"				
5	4	"				
6	4	"				
7	4	"				
8	4	"				
9	4	"				
10	4	"	SE.			
11	4	"				
12	4	"				
1	4		SE 1 S		1 1/2 Points	(At 10 A.M.) Made the Island St. Marys
2	3					Ends Moderate breeze and fine weather
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					
						Latitude 37 05
						Pumps Duly Attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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James E. Morenfort Master 1876

H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
1	4	5	S.E. S	S		All of this day Moderate breeze from the S.E. & Westward and fine weather All drawing Sails Set
2	4	11				
3	4	11				
4	4	11				
5	4	11				
6	4	11	S.E. N. S	N. S		
7	4	11				
8	4	11				
9	4	11				
10	5					
11	5					
12	5					
1	5					
2	6					
3	6					
4	6					
5	5					
6	4			West		
7	4					
8	5					
9	5					
10	5					
11	5					
12	5					

Ends
The Same Moderate breeze and fine weather
Latitude of Obs 36.32 N
Pumps & Duty Attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
1	5		S.E. West	West		Tuesday day of 18 th April 1876 The wind Still continues from the Northward and Westward and pleasant weather
2	5					
3	5					
4	5					
5	5					
6	6	5				Middle Part fresh breezes and passing clouds
7	6	11				
8	6	11				
9	6	11				
10	6	11				
11	6	11				Ends The Same
12	6	11				
1	6	11				
2	6	11				
3	6	11				
4	5		S.E.	N. N. W		Latitude of Obs 36.07 N Pumps & Duty Attended to
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Bark Endeavour New York

Alicante Spain

H. K. $\frac{1}{2}$ K. COURSES, WINDS, LEEWAY Remarks Madris day of 19th April 1876

1	5	5	ESE	rrm		All of this day fresh breezes from the Northward and Westward and Cloudy weather
2	5	5				
3	5	5				
4	6			rrm		
5	7					
6	7					
7	7		ESE			
8	7					
9	7					
10	7					
11	7					
12	7					
1	8					On the same fresh breezes and a bad sea with rolling heavy
2	8					
3	8					
4	8					
5	7					
6	7					
7	6	5				
8	6	"		rrm		
9	6	"				
10	6	"				
11	6	"				
12	6	"				

Latitude of Obs 36.05 N
Pumps Daily Attended to

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks Thursday day of 20 th April 1876
1	6	5	ESE	rrm		The wind still continues fresh breezes from the South and Westward and Cloudy weather (At 8 P.M.) wind shifted to the N.W. Squally handed by Sails and Manes all
2	6	5	ESE			
3	6	5				
4	6	5				
5	6	"				
6	6	"				
7	6	"				
8	6	"	ESE	rrm		
9	7					
10	7					
11	7					
12	7					
1	7					Midnight fresh breeze and Squally
2	7					
3	7					
4	7					
5	7					
6	6					
7	6					
8	5					
9	5			rrm		
10	5					
11	5					
12	5					

Latitude of Obs 36.15 N
Pumps Daily Attended to

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

JOURNAL from

towards

James E. Mountfort - Master (1876)

H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
						Friday day of 21 st April 1876
1	5		Efs	N.W.W		Begins with moderate breezes from
2	5					the Northward and Westward
3	5					and fine weather
4	5					
5	5					
6	5					
7	5					
8	5					
9	4					Midnight
10	4					Squally
11	4			N.W		
12	5					
1	5					
2	5					
3	5			N.W.W		
4	4					Latter Part
5	4					Moderate breezes
6	4					and fine weather
7	4			North		
8	4					
9	4					
10	4					Latitude of Obs. 3625 N.
11	4					Pumps Duty Attended to
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks
						Saturday day of 22 nd April 1876
1	4		Efs	North		Comm with moderate breezes from
2	4					the Northward and fine weather
3	6					(at 8 P.M.)
4	7					fresh breezes handed light
5	7					Sails
6	7					
7	7					
8	7					
9	7					Midnight
10	7					Squally fresh breezes and
11	7					
12	7					
1	7					
2	7					
3	7					
4	7					
5	7		Efs			Latter Part
6	6					Moderate breezes
7	4					and fine weather made all
8	4					Sails (at 5 A.M.)
9	4					Made the Land
10	5					
11	5					Latitude of Obs. 3652 N.
12	5					Pumps Duty Attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Bark *Endeavour* New York

Alcanta, Spain

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY	Remarks
1	6		SE	NW		Begin with fresh breezes from the northward and fine pleasant weather
2	6					
3	6					
4	7					
5	7					
6	7					
7	7					
8	7					
9	7					
10	7		SE			Midnight - light breezes and clear weather
11	7					
12	7					
1	6					
2	3					
3	3					
4	3		SE			Lat. Port - light breezes and fine (at 12 noon)
5	3					
6	3					
7	3		SE			
8	2					
9	2					
10	2					
11	2					
12	2					

(All drawing Sails set)

Midnight - light breezes and clear weather

Lat. Port - light breezes and fine (at 12 noon)

Cape Trafalgar bore

NW for Cape Spartel bore

SE

Latitude of Obs 35 59 N

Pumps Duly Attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
1	2		SE	NW		Monday day of 24 th April 1876
2	2					The wind Whiles continues from the northward and westward and fine pleasant weather
3	4		SE			
4	5					(at 2 PM)
5	7		SE			passed Cape Tarifa at 4.45 PM
6	7					passed the Rock of Gibraltar
7	7		SE			
8	6					
9	6					
10	6					
11	6					Midnight - moderate breeze and fine weather
12	6					
1	6					
2	3					
3	4					
4	4					
5	4					
6	3					
7	3					
8	2		East West			Lat. Port - light air and fine pleasant weather
9	1					
10	1					
11	1					
12	1					

Lat. Port - light air and fine pleasant weather

Latitude of Obs 36 24 N

Pumps Duly Attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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towards

towards
James E. Mountfort Master 1876

Friday day of 25th April 1876

H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
						Tuesday day of 25 th April 1876
1	1	5	East-	West-		Begins with Gentle breezes from
2	1	5				the Westward and fine pleasant
3	1	5				weather (at 8 P.M.)
4	2	5				Made: Cabinal light bearing
5	2	5				E by N $\frac{1}{2}$ N
6	2	5				
7	3					
8	3					
9	3					
10	3					Midnight
11	2					Light air and clear
12	1					weather (at 8 A.M.)
1	1					Passed Cape Lee. East dist about
2	2					3 miles
3	2					
4	2					
5	1					
6	1					
7	1					
8	0					Shatter Part
9	0					Light baffling air
10	0			S.W		and calm
11	2					
12	2					Pumps & Daily Attended to

[illegible]

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks
						Wednesday of 26 th Apr 1876
1	1		East-	S.W		All of this day light-buffing winds and calms and fine pleasant weather (at 8 P.M.) Cape Mesc. light bore NW of N. by compass dist- about 12 miles
2	1					
3	0					
4	2		NESE	ESE		
5	1					
6	1					
7	1	5	ESE	NE of N		
8	1	5				
9	1	5				
10	1	5	ESE	NE		
11	1	5				
12	1	5				
1	1	5	SESE			Ends the same light-buffing airs
2	1	5				
3	1	5				
4	1	5				
5	1	5				
6	0					Latitude of Obs 36 53 N Pump & Gully Attended to
7	0					
8	0					
9	0					
10	0					
11	1		ENE	S.E		
12	1					

[illegible]

Bk Endeavor New York

Alecanter Spain

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY
1	2		E of N or S E S	Calm	
2	2				
3	2				
4	2				
5	2				
6	2		S W		
7	0				
8	0				
9	0				
10	0				
11	0				
12	0				
1	0				
2	0				
3	1	5			
4	1				
5	1				
6	1				
7	1				
8	1				
9	3				
10	3				
11	3				
12	3				

Remarks Thursday day of 27th April 1876
Coms with a light-air from the Southward and Eastward and fine pleasant weather

Midnight Calm

Light breeze from the Southward and Westward

Latitudes of 31.14 N

Pumps Duly Attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,
1	3		E of N or S W		
2	3				
3	3		N E by E		
4	2		N E		
5	3				
6	3				
7	2				
8	2				
9	2				
10	3				
11	4				
12	5				
1	5		N E by N		
2	3				
3	3				
4	3				
5	3				
6	3				
7	3				
8	4				
9	4				
10	4				
11	4		N E by N S W		
12	4				

Remarks Friday day of 28th April 1876
Begins with light-breezes from the Southward and Westward and fine pleasant-weather (at 7 PM)

Made Point-Polas light-bearing N.N.E by Compass dist. about 16 miles (at 7.30 PM)

Made Hornigas light-bearing N.E. $\frac{1}{2}$ N. dist. about 8 miles

Midnight

Moderate breezes and clear weather (at 3 am) Made Plana Island light-bearing N.E. $\frac{1}{2}$ E dist. about 12 miles

Lighter Part

Moderate breezes and fine pleasant-weather at 10 am. Made the Town of Alecanter at 2 PM. Received

Pilot-on-board; at 2.30 PM Entered the Harbor of Alecanter Moved Ship ahead and Star to the Mole furled all Sails (checked)

Do. Ends this day's log with 36 hours (and Cleared up)

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Bk. Endeavor Lying in the Harbor of Alicante 1876

H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks	day of	187
							<i>Saturday 29th April</i>	<i>6</i>
1						Begins with fresh breezes from		
2						The Westward and fine weather		
3						Crew employed getting ready for		
4						discharging Cargo.		
5						Rigged in Gibbous		
6						Ends Calm		
7								
8								
9						Calm and fine pleasant		
10						weather washed decks and		
11						Pumped Ship		
12								
							<i>Monday May 1st 1876</i>	
1						Begins moderate breezes from		
2						The Westward and fine weather		
3						Ends the same		
4								
5						Calm light breezes and fine		
6						weather Crew employed		
7						discharging Cargo.		
8								
9								
10						All of this day fresh breezes		
11						from the Northward and Eastward		
12						and fine weather Crew employed		
						in Discharging Cargo		
						Ends thick weather		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks	day of	1876
							<i>Thurs 4th May</i>	<i>1876</i>
1						Calm with fresh breezes from the		
2						Northward and Eastward		
3						and Cloudy Crew employed in		
4						discharging Cargo		
5								
6								
7								
8						Begins with fresh		
9						breezes from the Northward and		
10						Eastward and thick weather		
11						Crew employed Discharging Cargo		
12						part of the day		
							<i>Saturday May 6th</i>	
1								
2						All of this day fine		
3						weather Crew employed in		
4						discharging Cargo		
5								
6								
7								
8						Begins with light breeze		
9						and fine weather Pumped B		
10						and washed decks		
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob.
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Bk. Endeavor Lying in the Port of Alicante Spain

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks
						Monday day of 8 May 1876
1						Cornis with light breezes and
2						fine weather Crew employed
3						in discharging Cargo
4						
5						Tuesday May 9 th
6						Begins with light breezes
7						and fine weather Crew
8						employed Discharging Cargo
9						
10						Wednesday 10 th May
11						Cornis with Moderate breeze
12						from the westward and
1						fine weather Crew employe.
2						in Discharging Cargo
3						
4						Thursday May 11 th
5						Cornis with Moderate
6						breezes from the westward
7						and fine weather Finished
8						Discharging Cargo
9						(Cargo came out correct)
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
						Friday day of 12 th May 1876
1						Cornis with a light breeze
2						from the North East and
3						and fine weather (at 4 A.M.
4						Patel came on board Un-
5						moored Ship and made
6						Sail and went out side of
7						the Mole and came to anchor
8						Rigout Gibbourn and got
9						Ship part ready for Sea
10						
11						Saturday May 13 th
12						Cornis with light breezes
1						and fine weather Received
2						50) Tons of Ballast Set up
3						Maine Triggins and got Ship ready
4						for Sea
5						(This day Ends with 12 hours
6						
7						Bark. Endeavor Left Alicante
8						for Almeria May 13 th 1876)
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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towards

Almeria. Spain. 1876

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Bk Endeavour Alicante

Almeria Spain

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY	Remarks	Tuesday	day of 16 th May	1876
1	3		nmfr nfr	3 Pnts		Begins with fresh breezes from the Northward and Westward and bad head Sea Vessel pitching heavy (at 5 PM)			
2	3					Handed Maine Upper Lopsail			
3	3								
4	3								
5	3		nmfr						
6	3								
7	3								
8	3		nm			Midnight			
9	3					Wore Ship to the Southward and Westward and Set Upper Lopsails			
10	3					Cape Palas bore NNE			
11	3					dist- about 15 miles			
12	3					(at 6 AM)			
1	2		sfw			Made All-Sail at 8 do			
2	2					Wore Ship to the NW			
3	2								
4	2								
5	3								
6	3								
7	4					Loatier Part			
8	4					Moderate breezes and fine weather			
9	4		nmfr nfr						
10	3								
11	3								
12	3								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks	Wednesday	day of 17 th May	1876
1	3		nm	nmfr	1 Pnt	Begins with fresh breezes from the Southward and Westward and fine weather (at 5 PM)			
2	2					Wind shifted to the Southward and Eastward (at 8 PM)			
3	2					Cape Palas light-bore NW 1/2 E			
4	1					dist- about 15 miles			
5	1								
6	1								
7	2		nmfr S E	1 Pnt		Midnight			
8	3					Calm and thick weather with rain			
9	2					(at 3 AM)			
10	2					light air from the Eastward			
11	2					at 8 do			
12	1					Wind shifted to Northward and Westward			
1	0								
2	0								
3	0								
4	2		SW East-1			Loatier Part			
5	2					fresh breezes and thick weather			
6	2					handed light Sails			
7	2								
8	2								
9	3								
10	4								
11	4		west nmfr	2					
12	4								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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JOURNAL from

towards

James E. Montgolf - Master (1876)

H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks	Thursday day of 18 th May 1876
1	3		West	N.N.W	1 Point	Corn with Moderate breeze from the Northward and Westward and thick weather with rain	(at 8 PM)
2	3						
3	3						
4	2						
5	1					Made Cape Mesa light bearing N.N.W dist. about 12 miles	(at 10 PM)
6	0			East-			
7	1						
8	2		N.N.W			Lacked Ship to the Southward and Eastward	
9	2						
10	2						
11	4		S.E			Midnight	
12	4					Moderate breeze and	
1	4		S.S.W West	3 Points		thick weather (at 3.30 AM)	
2	4					Squally handed Topgallant-Sails	
3	4					and Fore Upper Topsails	
4	4					Wore Ship to Northward and Westward	
5	3		N.N.W		4 Points		
6	3						
7	3						
8	3					Spatter Part	
9	3					fresh breeze and	
10	3					and Cloudy handed Main	
11	3					Upper Topsails	
12	3						

11 2 12

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks	Friday day of 19 th May 1876
1	3		N.N.W	N.E.W	2 Points	Begin with fresh breeze from the Southward and Westward and Cloudy weather	(at 3 PM)
2	3						
3	3		S.W.	N.N.W			
4	3					Wore Ship to the Southward and Westward	(at 5.30 PM)
5	3					Wind increasing handed Foresails	
6	2					Mainesails (at 8 do)	
7	2					Wore Ship to the Northward and Westward	
8	2		N.N.W West	3			
9	1						
10	1						
11	1				3 Points	Midnight	
12	1					More Moderate Set	
1	1					Foresails Mainesails Main Upper	
2	2				4 Points	Topsails	
3	2						
4	2						
5	2						
6	2						
7	2					Spatter Part	
8	2		South N.E.W	3 Points		Moderate breezes	
9	3					and fine weather Set Fore Upper	
10	4					Topsails and Main Topgallant Sails	
11	4						
12	4						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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JOURNAL from

Bk Odearvo Alcantara

towards

Almeria Spain

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks
Saturday day of 20 th May 1876						
1	3		South	W.S.W	1	Com ^d with Moderate breezes from the Southward and Westward and Clear weather (At 2 PM)
2	3					
3	3		N.W		1 1/2	
4	3					
5	3					Tacked Ship to the Northward and Westward at 7 AM
6	3					Tacked Ship to the Southward and Eastward
7	3		South			
8	3					
9	2		S.S.W	West-	2 Pts	Point-Mesa light bearing N by S dist- 6 miles
10	2					
11	1					
12	1					
1	1					Midnight.
2	1					light air and Cloudy
3	2					
4	3		SW			At 5 AM. Tacked Ship to the Northward and Westward (At 8 AM)
5	3					Made all Sails
6	3		N.W	N.S.W		Sailed Part-
7	3					
8	4		N.N.W			Moderate breezes from the Southward and Westward
9	4					
10	3					At 11 AM Tacked Ship Southward Eastward
11	3		N.W			At 12 noon Point-Mesa bore N.W dist- 10 miles
12	3		S.S.E			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
Sunday day of 21 st May 1876						
1	2		S.S.E	SW		Begins with light breeze from Southward and Westward and fine weather (At 3 PM)
2	2					
3	2					
4	2					
5	2					Tacked Ship to Northward and Westward
6	2					
7	2					Midnight.
8	1					light air Calm
9	1		W.S.W	South		
10	1					Point-Mesa bore North dist- 8 miles
11	1					
12	1					
1	0					
2	0					
3	0					Sailed Part-
4	1					
5	1		N by S	East		Moderate breezes and fine weather
6	1					
7	1					(At 12 noon)
8	2					Made Cape De Gat bearing North dist- about- 15 miles
9	2					
10	3					Sailed de f Obs 36.29 N
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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James E. Mountfort - Master 1876

H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks	Monday	day of 22 nd May	1876
1	3		N $\frac{1}{2}$ W	East-		Begins with light-buffing winds.			
2	3					and fine weather			
3	3					(at 3 PM)			
4	3					passed Cape De Gat-			
5	0								
6	0		NW $\frac{1}{2}$ N						
7	0					Midnight			
8	0					Calm and hazy weather			
9	0		N 8 m			Cape De Gat bore ENE dist-			
10	2					10 miles Strong Current setting			
11	2					to Eastward.			
12	1								
1	1								
2	1								
3	1								
4	1		rrr			Latter Part-			
5	1					Moderate breeze			
6	2					and fine weather at 11 AM			
7	2					Made the Town of Almeria			
8	2					at 1 PM Received Almeria Pilot			
9	3					on board Entered the Harbor			
10	3					and come to anchor furlled			
11	3					all sail and got ready for			
12	3					discharge. Ballast-			

(This day Log is for 36 hours)

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Bark. Endeavour Lying in the Port of Almeria Spain									
H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks	Tuesday	day of 23 rd May	1876
1						Begins with light breezes and			
2						fine weather Discharged Ballast			
3						and got ready for cargo			
4									
5						Wednesday 24 th May			
6						Calm with moderate breezes			
7						from the Westward and fine weather			
8						hands employed Setting up rigging			
9									
10						Thursday 25 th May			
11						Begins with light breezes			
12						and fine weather Shore up			
1						Anchor and Docked Ship.			
2						Latter Part fresh breezes			
3									
4						Friday 26 th May			
5						Calm light breezes from the			
6						Westward and fine weather			
7						Crew employed in taking cargo			
8						Saturday 27 th May			
9						All of this day fine pleasant			
10						weather.			
11						Crew employed in trimming			
12						Cargo part of the day			
Ends The Same									
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

JOURNAL from *Bk Endeavour* lying in the Port of *Almeria* Spain towards

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks
						Sunday day of 28 th May 1876
1						All of this day fine pleasant-
2						weather washed decks and
3						Pumped Ship)
4						Monday 29 th May
5						Begins with light breeze from
6						The Westward and fine weather
7						Crew employed setting up rigging
8						(Pumped Ship)
9						Tuesday 30 th May
10						Coms with light breezes
11						from The Westward and fine
12						weather Crew employed at rigging
1						Wednesday 31 st May
2						The wind still continues
3						from The Westward and fine
4						weather Crew employed at Cargo
5						Thursday 1 st June 1876
6						All of this day light-
7						breezes from The Westward
8						and fine weather Crew employed
9						at Cargo
10						(Pumped Ship)

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
						Friday day of 2 nd June 1876
1						Coms Squally with rain Latter
2						Part wind from The Westward
3						and fine weather Crew employed
4						at Cargo (Pumped Ship)
5						Saturday 3 rd June
6						Begins with light breezes
7						and Squally with rain Finished
8						loading. Whole Amount of
9						Cargo. Onboard 4.80 Tons Iron
10						Or in bulk Draft of Water
11						Aft 13-3 foreward 12.8 So Ends
12						this day
1						Sunday 4 th June 1876
2						Begins calm and fine
3						weather at 4 AM Pilot came onboard
4						Unmanned Ship and hove up Anchors and warped
5						out to the outer Anchorage and Came to Anchor
6						Latter Part Squally with rain
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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St Condear JOURNAL from

towards

Lying in the Harbor America Spain

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks
1						Wednes day of 7 th June 1876 Came with light breezes from the Westward and fine weather and fine pleasant weather
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
1						Thurs day of 8 th June 1876 Begins with moderate breeze from the Westward and fine weather Later Part - fresh breeze and passing Squalls.
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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James E. Morenfort - Master (1876)		18
WINDS,	LEEWAY,	Remarks. Friday day of 9 th June.

H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks	day of month	Year
1						Friday	9 th	1876
2						All of this day fresh breeze		
3						from the West. S. W. and clear		
4						weather		
5						Latter Part		
6						light breeze		
7						from the Eastward		
8								
9								
10						Saturday June: 10 th 1876		
11						Came with light breeze		
12						from the Eastward		
1						(at 5 AM)		
2						hove up anchor and got underway		
3						Middle Part		
4						light baffling airs		
5						and calm		
6						Latter Part Calm		
7						at 4 PM. Came to anchor in 13 fathoms		
8						of water The Harbor of Almeria		
9						bearing N. W. dist. 4 miles		
10								
11								
12								

[illegible]

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks
						Second day of 11 th June 1876
1						Cornis with light air from the
2						Southward and Eastward
3						and fine pleasant weather
4						(At 4 AM)
5						hove up anchor and got underway
6						and proceeded out of the Bay
7						
8						(At 12 noon)
9						Roguelas light house bore by
10						Compass N E $\frac{1}{2}$ E. dist. about 10
11						miles
12						(Ends Palin)
1						This day Log is for 12 hours
2						
3						
4						
5						Left Almeria for New York
6						(June 10 th 1876)
7						
8						
9						
10						
11						
12						

[illegible]

Bk Endeavour Almeria

New York
Monday day of 12th June 1876

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY
1	/	5	N.N.W.	North	
2	/	"			
3	/	"		ESE	
4	/	"		S.W.	
5	/	"			
6	/	"		SE	
7	/	"			
8	/	"		South	
9	/	"	West-		
10	/	"			
11	/	"			
12	/	"			
1	/	"			
2	/	"			
3	/	"			
4	/	"			
5	/	"		S.S.W.	
6	/	"			
7	/	"			
8	/	"		SE	
9	/	"			
10	/	"			
11	/	"			
12	/	"			

*All of these 24 hours light-
 baffling airs and fine pleasant-
 weather*

*Latter Part-
 hazy weather*

No. obs. this day.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,
1	/	5	N.N.W.	S.W.	
2	/	"			
3	/	"			
4	/	"			
5	/	"	N.W.		
6	/	"			
7	/	"			
8	/	"	N.W.		
9	/	"			
10	/	"	N.W.		
11	/	"			
12	/	"			
1	/	"			
2	/	"	N.W.		
3	/	"			
4	/	"			
5	/	"	West S.E.		
6	/	"			
7	/	"			
8	/	"			
9	/	"			
10	/	"			
11	/	"			
12	/	"			

Tuesday day of 13th June 1876
*Com' with a light- breeze from
 the South and West and
 and hazy weather*

*Midnight-
 The Same and Clear
 weather*

*Latter Part-
 Calm and fine
 weather*

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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JOURNAL from *Bk Endeavor* *Almeria Spain* towards *New York*

[illegible]

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob.
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James E. Mountfort Master 1876

H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
1	2		West	East		Comm with a light breeze from the Eastward and fine weather made all sail
2	2					
3	2					
4	2					
5	2					
6	2		n.f.r			
7	3					
8	3		n.f.r			
9	3					
10	3					Midnight
11	4					Moderate breezes
12	4					and thick foggy weather
1	4					
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4		" "	East		

Midnight
Moderate breezes
and thick foggy weather

Latter Part
The Same
Moderate breezes and hazy
weather

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks
1	4		n.f.r	ESE		Monday day of 19 th June 1876
2	4					Comm with Moderate breezes from the Southward and Eastward and hazy weather (at 4 P.M.)
3	4					Peeta light bore dist 5m.
4	4		n.f.r			Rock of Gibraltar bore n.f.r dist 8m.
5	4					(at 6 P.M.)
6	3		n.f.r			Passed the Rock of Gibraltar (at 8 P.M.)
7	3					
8	7					
9	8					Made Tarifa light bearing n.f.r dist 10 miles
10	9					
11	9					
12	9					Midnight
1	8					fresh breezes and
2	8					Cloudy Cape Spotted light
3	7					bore by Compass S.E. dist
4	6					about 15 miles which I take
5	6					my dept from
6	5					
7	5					
8	4					
9	4					
10	4					
11	4					
12	4					

Latter Part
Moderate breezes
and thick weather
No Obs this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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JOURNAL from

towards

Bk Endeavour Almeria Spain New York

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks
1	4		NW	NW		Begins with moderate breeze from the Southward and Westward and thick weather
2	4					
3	3					
4	2					
5	2					
6	3					
7	3		N.N.W	West		
8	3					
9	3					
10	3					
11	3					Midnight - light breeze and Cloudy (at 6 AM)
12	2					Tacked Ship to Southward and Westward
1	2					
2	2					
3	2					
4	2					
5	2					
6	2					
7	2		S.W	N.E		
8	2					
9	1					Latter Part - light air and Calm
10	0					
11	0					
12	1					No Obs this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
1	1		NW	N.W		Wednes day of 21 st June 1876 Begins with light breeze from the Northward and Westward and Clear weather
2	2					
3	2					
4	2		S.W			
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					Middle Part - light breezes and Clear weather
12	2					
1	2		S.W			
2	2					
3	2					
4	2					
5	2					
6	2					
7	1					Latter Part - Calm and Cloudy
8	1					
9	0					
10	0					
11	0					
12	0					Latitude of Obs 35° 43' N

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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JOURNAL from

towards

James E. Morrell - Master 1876

H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
1	2		S by S W by N			Cours with light breezes from the Northward and Westward and fine weather
2	2					
3	2					
4	2					
5	2					
6	2					
7	2		S by N West			Midnight - Light air and passing Clouds (2-6 am) Tacked Ship to the Northward and Westward
8	2					
9	2					
10	2					
11	2					
12	1					
1	1		S by N W by N			Batter Pass - Moderate breeze and thick weather with rain
2	1	5				
3	1	"				
4	1	"				
5	2					
6	2					
7	2		N by N W			Latitude of Obs 35° 04' N
8	2					
9	3					
10	3					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks
1	3		N by N North 1 Point			Friday day of 23 rd June 1876 All of this day Moderate breezes from the Northward and fine weather All Sail Set
2	3					
3	3					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					
1	5		N by N			End th Light breeze and fine weather Latitude of Obs 34° 56' N
2	5					
3	5					
4	5					
5	4					
6	4					
7	4					
8	3					
9	3					
10	3					
11	2					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Bk Endeavour Olmeria Spain New York

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY	Remarks
Saturday day of 24 th June 1876						
1	2		nfs	NWfN	Pont-	Beginn with light breezes
2	2					from the Northward and
3	2					Westward and fine
4	3					weather
5	3					
6	3		SW			
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					Middle and Latter Part-
1	3					light breezes
2	3					and passing Squalls
3	3					
4	3					
5	2					
6	2		SWfS			
7	2	5				
8	2	"				Latitude of Obs 33 40 N
9	2	"				
10	2	"				
11	2	"				
12	2	"				

Course.	Distance.	Diff. of Lat.	Departure.	Lat by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
Sunday day of 25 th June 1876						
1	3		nfs	NWfN	Pont-	The wind still continues
2	3					Moderate breezes from the
3	3					Northward and Westward and
4	4					Squally with rain
5	4					
6	4					
7	4					
8	4					
9	5		nfs			Midnight fresh breeze and
10	5					passing clouds
11	5		NfSW	North		
12	5			NfS		
1	6			NfS		
2	6					
3	6					
4	6					
5	5			North Pont-		
6	4					Latter Part
7	3					Moderate breezes
8	3					and fine weather
9	3					
10	3					
11	3					Latitude of Obs 33.15 N
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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JOURNAL from

towards

James E. Mountfort - Massey 1876

H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
1	3		rrrrrr. N.E.	1/2 Point		Comm with Moderate breeze from the Northward and Eastward and fine weather
2	3					
3	3					
4	3					(All Sails Set)
5	4					
6	4					
7	4					Midnight -
8	4					light breeze and
9	3		rrrrr			Cloudy
10	3					
11	2					
12	2	8-				
1	2	"				
2	2	"				
3	2	"	rrrrr			
4	2					
5	3					
6	3					Latter Part -
7	3					Moderate breeze
8	3		rrrrr. N.E.			and Cloudy
9	4					
10	4					
11	4					Latitude of Obs 33 37 N
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks
1	4		rrr	N.E.		Tuesday day of 27 th June 1876
2	4					Begins with Moderate breeze from the Northward and Eastward and Cloudy
3	4					
4	4					
5	3					
6	3					
7	3					
8	4					
9	4					
10	4					Midnight -
11	4					Moderate breeze
12	4					and passing Clouds
1	5					
2	5					
3	5					
4	6					
5	4		rrrrr North			
6	4					Latter Part -
7	4					light breeze
8	4					and thick weather
9	3		rrrrr N.E.			
10	2	5				
11	2	5				Latitude of Obs 33 35 N
12	2	5	rrr N.E.			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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towards

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY	Remarks
						Wednesday day of 28 th June 1876
1	3		N.W.M	N.E		Comm with f. Moderate breezes
2	3					from the Northward and
3	3					Eastward and thick weather
4	3					
5	4					
6	4					
7	3					
8	3					
9	6					Midnight -
10	6		N.W.M			fresh breeze and
11	6					passing clouds.
12	3					
1	3					
2	3					
3	3					
4	3		N.W.M			
5	4					
6	3					
7	3					Latter Part -
8	3					Moderate breeze
9	4					and Cloudy
10	4					
11	3					
12	3					Latitude of Obs 33 54 N.

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
						Thurs day of 29 th June. 1876
1	4		n.s.w n.e			All of this day Moderate breezes from the Northward and Eastward and Cloudy weather
2	4					
3	4					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	6					
11	6					
12	6					
1	6		N.W 1/2 N			Ends of the same Moderate breezes and Clear weather
2	6					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6		n.s.w			Latitude by Obs 33 59 N
9	6					
10	6					
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob.
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JOURNAL from

towards

James E. Mouniford - Maslig 1876

day of 30th June 1876

H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
1	5		N by W N E			This day Coms with Moderate breezes from the Northward and fine weather
2	5					
3	5					
4	5					
5	5					
6	5		N N W North			Midnight - light breezes and passing clouds
7	5					
8	5					
9	5					
10	5					
11	5		N by N			Latter Part - Light breezes and rain squalls
12	4					
1	4					
2	4					
3	4					
4	4					Latitude of Obs 33° 57' N
5	4					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
1	3		N by N North			Saturday day of 1 st July 1876 Coms with a light breeze from the Northward and fine weather
2	3					
3	3					
4	3					
5	3					
6	3					Midnight - light air and fine weather
7	2					
8	2					
9	2					
10	2					
11	2		N by N N E			Latter Part - Gentle breezes and clear weather
12	2					
1	1					
2	1					
3	1					
4	1					Latitude of Obs 33° 58' N
5	1					
6	1					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Bk Endeavor Almeria Spain New York

H. K. $\frac{1}{2}$ K. COURSES, WINDS, LEEWAY

Remarks

Sunday day of 2nd July 1876

1 / nrm SE

2 /

3 /

4 /

5 /

6 / nrm

7 /

8 /

9 /

10 /

11 / SE

12 /

1 /

2 /

3 /

4 / 5-

5 / 5-

6 2

7 2

8 2 nrm South

9 2

10 2

11 2

12 2

All of this day light airs and fine pleasant weather

Middle and Latter Part - The same light airs and fine weather

Latitude of Obs 34.08 N

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H. K. $\frac{1}{2}$ K. COURSES, WINDS, LEEWAY,

Remarks

Monday day of 3rd July 1876

1 2 nrm South

2 2

3 2

4 2

5 1 8-

6 1 "

7 1 "

8 1 "

9 2

10 2

11 2 East

12 2

1 2

2 2

3 2 SE

4 2

5 2

6 2 ENE

7 1

8 1

9 1

10 2 NE

11 2

12 3 East

Begins with a light breeze from the Southward and fine pleasant weather

Middle and Latter Part - Light-buffling winds and overcast weather

Ends moderate breezes and fine weather

Latitude of Obs 34.06

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

JOURNAL from

towards

James E. Mountfort Master 1876

H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks	day of	187
1	2	5	N.W.	East		All of these 24 hours light breeze from the Eastward and fine pleasant weather (All drawing Sail Set)	Tuesday	4 th July 1876
2	2	5						
3	2	5						
4	2	5						
5	2	5						
6	2	5						
7	2	5						
8	2							
9	2							
10	2							
11	2							
12	2							
1	2							
2	2							
3	2							
4	2							
5	2							
6	2							
7	2							
8	1	5				Latitude of Obs 34.06 N. Pumps duly attended to.		
9	1	"						
10	1	"						
11	1	"						
12	1	"						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks	day of	1876
1	1	5	N.N.W.	East		First part of this day light air from the Eastward and fine weather	Wednesday	5 th July 1876
2	1	5						
3	1	"						
4	1	"						
5	1	"						
6	1	"						
7	2	"						
8	2	"						
9	2	"						
10	1	"						
11	1	"						
12	1							
1	0					Midnight Calm and Clear		
2	0							
3	0							
4	0							
5	0							
6	0							
7	0							
8	0							
9	0							
10	0							
11	0							
12	0							
1	0					Latter Part Calm and Pleasant		
2	0							
3	0							
4	0							
5	0							
6	0							
7	0							
8	0							
9	0							
10	0							
11	0							
12	0							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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[illegible][illegible]

H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
1	3		N. N. E	West-		Saturday day of 8 th July 1876 The wind still continues moderate breezes from the westward and hazy weather
2	3					
3	3					
4	3					
5	3					
6	4					
7	4					
8	4					
9	3					
10	3					Midnight - light breezes and thick weather
11	3					
12	3					
1	3					(At 8 A.M.)
2	3					Made the Island of Pajal bearing N. by N. dist. about 8 miles
3	3					
4	3					
5	3					
6	3		E. N. E			Latter Part - light breeze and fine weather
7	3					At 11 AM Received
8	3					Short Pilot- onboard.
9	3					So ends this day entering Porto Harbor
10	3					
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks
1	28 days passage from					Sunday day of 9 th July 1876 Came with a moderate breeze from the westward and fine weather (at 1 PM.)
2	(Almeria, Spain)					Came to anchor in the Harbor of Porto in 20 fathoms of water with 50 fathoms of chain
3						Received Provisions and water on board
4						
5						
6						
7						
8						Midnight - Calm and Clear
9						
10						
11						
12						
1						
2						
3						
4						
5						Latter Part - light breeze from the westward and fine weather
6						(At 4 A.M.)
7						
8						
9						hove up anchor and got under way and proceeded out of the Harbor
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

(All well on board)

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY	Remarks
						Monday day of 10 th July 1876
1	/		S.S.W	west-		All of this day light-buffing airs from the North wind and westward and fine weather
2	/					
3	/		S.W	N.N.W		
4	/					
5	/		N.S.W	N.W		
6	/					
7	/					
8	/					
9	/					
10	/		N.N.W	North		
11	/					had a Current- Setting to the Eastward
12	/					
1	/					
2	/					
3	/					
4	/					
5	/					
6	/					
7	/					Ends the Same
8	/					
9	/					
10	/					
11	/					
12	/					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
						Tuesday day of 11 th July 1876
1			Calm			Begins Calm and fine pleasant- weather
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						Midnight- Calm and Cloudy
12						
1						
2						
3						
4						
5						
6						
7						Letter Part-
8	3		N.N.W & S.E			Moderate breeze from the Southward and Eastward and fine weather
9	3					
10	3					
11	3		N.N.W East			
12	3					
						Latitude of Obs 38.05 N

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks	day of	187
							Wednesday	12 th July 1876
1	3		N.N.W. & E			Begins with moderate breezes from the Southward and Eastward and fine pleasant weather		
2	3							
3	3							
4	3							
5	3							
6	3							
7	3		N.N.W. & E					
8	2							
9	2							
10	2							
11	3					Midnight-		
12	3					Moderate breeze and fine weather		
1	3							
2	3							
3	3							
4	3			South				
5	3							
6	3					Latter Part-		
7	3					Gentle breeze and overcast weather		
8	3							
9	3							
10	3			Sw	1 Point			
11	2					Latitude of Obs 38.12 N		
12	2							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks	day of	187
							Thursday	13 th July 1876
1	3		N.N.W. Sw			Coms with moderate breezes from the Southward and Westward overcast weather (at 10 P.M.)		
2	3							
3	3		N.N.W.			Wind shifted to the Northward backed ship to the Westward		
4	3							
5	2							
6	2							
7	2							
8	2							
9	2							
10	2					Midnight-		
11	4		West-North			Moderate breeze and equally handed light Sails		
12	3							
1	3							
2	3							
3	3							
4	3							
5	3			N.E				
6	3							
7	3					Latter Part-		
8	3					Moderate breeze and fine weather		
9	4					Made all Sails		
10	4							
11	3					Latitude of Obs 37.57 N.		
12	3							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks
						Friday day of 14 th July 1876
1	4		West	N.E		Coms with Moderate breezes from the Northward and Eastward and fine weather
2	3					
3	3					
4	3					
5	3					
6	3					
7	3			E.N.E		Midnight - Moderate breezes and passing
8	3					
9	3					
10	3					
11	3					
12	3					
1	3					Latter Part - Gentle breezes and fine weather
2	3					
3	3					
4	4					
5	4					
6	4					
7	4					Latitude of Obs 37 19 N. Longitude per Chron 34.46
8	3			East		
9	3					
10	3					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
						Satur day of 15 th July 1876
1	3		West	East		All of this day light-breezes from the Southward and Eastward and fine pleasant-weather
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					Latitude of Obs 36 37 N
8	3					
9	3					
10	3			E.S.E		
11	3					
12	3					
1	3					Latter Part - the same
2	3					
3	3					
4	3			S.E		
5	3					
6	3					
7	3					Latitude of Obs 36 37 N
8	3					
9	3			S.E		
10	3					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
						Sunday day of 16 th July 1876
1	3		West	SSE		The wind still continues light-breezes from the Southward and Eastward and fine weather
2	3					
3	3					
4	3					
5	3					
6	3	5				
7	3	"				Midnight-passing clouds
8	3	"		South		
9	3	"				
10	3	"				
11	3	"				
12	4					
1	4					Latter Part Moderate breeze and fine weather
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					Latitude of Obs 36 10 N.
8	4					
9	4					
10	4					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
						Monday day of 17 th July 1876
1	4		N. by N	South		All of these 24 hours Moderate breeze from the Southward and Westward and fine weather
2	4					
3	4					
4	4					
5	4					
6	3					
7	3					Ends the Same
8	3			SSW		
9	3					
10	3					
11	3					
12	3					
1	3					Latitude of Obs 35 48 N.
2	3					
3	3					
4	3					
5	3					
6	3					
7	4					Latitude of Obs 35 48 N.
8	4					
9	4					
10	4					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks	Tuesday day of 18 th July 1876
1	3		N ^W	S ^W			This day comes in with moderate breeze from the Southward and Westward and fine weather
2	3						
3	3						
4	2	5		S ^W			
5	2	5					
6	2						
7	1						
8	1						
9	1						
10	1						midnight-
11	1						light-airs and calm
12	1						
1	0						
2	0						
3	0						
4	0						
5	0						
6	0						
7	0						Latter Part
8	0						Calm and
9	0						Clear weather
10	0						
11	0						Latitude by Obs 36.12 N
12	0						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks	Wednesday day of 19 th July 1876
1	1		N ^W	W ^S W	1/2 Point		Coms with a light-air from the Southward and Westward and fine weather
2	1						
3	1						
4	1						
5	1						
6	1	3					
7	1	"					
8	1	"	W ^N W ^S W	S ^W	1 Point		Midnight-
9	2						
10	2						
11	2						light-breeze and
12	2						Clear weather
1	2						
2	2	5					
3	2	"					
4	2	"					
5	2						
6	3						Latter Part
7	3						Moderate breeze
8	3						and Cloudy
9	4						
10	4						
11	4						Latitude by Obs 36.34 N
12	4						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
1	4		N.N.W.	S.W.	1000	Thursday day of 20 th July 1876 Comm. with a moderate breeze from the Northward and Westward and Equally weather
2	4					
3	4					
4	4		N.W.	N.S.W.		
5	4					
6	4					
7	3					
8	3					
9	2					
10	2					Midnight -
11	2					Light - baffling winds
12	1	3				and fine weather
1	1	5	North	N.N.W.		(at 2 AM)
2	1	"	N.E.			Lacked Ship to the Southward
3	1	"	N.S.W.	N.W.		and Westward
4	1	"				
5	1	"				
6	1	"				
7	1	"				
8	2	5				Latter Part -
9	2					Gentle breeze
10	2					and fine weather
11	2					
12	2					Latitude of Obs. 3639 N.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
1	3		N.W.	N.N.W.		Friday day of 21 st July 1876 Begins with light breezes from the Northward and Westward and fine weather
2	3					
3	3					
4	3					
5	3					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					Middle and Latter Part -
12	1					Calm and Clear weather
1	0					
2	0					
3	0					
4	0					
5	0					
6	0					
7	0					
8	0					Latitude of Obs. 3612 N.
9	0					
10	0					
11	0					
12	0					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks
						Satur day of 22 nd July 1876
1	0					Beginns Calm and fine
2	0					pleasant-weather
3	0					(at 7 PM)
4	0					light-air from the Southward
5	0					and Eastward
6	0					
7	0					
8	1	5	n.r.w	E.S.E		
9	1	5				
10	1	5				
11	2	5				
12	2	"				
1	2	"				
2	2			SE		Middle and Latter Part
3	2					light-
4	2					breeze and fine weather
5	2					
6	2			South		
7	2					
8	2					
9	2					Latitude of Obs 3549.8
10	2					
11	2			SW		
12	2	"				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
						Sunday day of 23 rd July 1876
1	2		n.r.w	SW	10 Pmt	Cont with a light breeze from
2	2					the Southward and Westward
3	1					and Squally weather
4	2					
5	1					
6	1					Midnight-
7	0					Moderate breezes
8	0					and Squally
9	2		n.r			
10	2	5				
11	2	"				
12	2	"				
1	3					
2	3					
3	3					
4	3					
5	4					
6	4					Latter Part-
7	4					light-breezes
8	4					and fine weather
9	3		n.r.w	SW		
10	3					
11	3					Latitude 3550 N.
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks	Tuesd. day of 25 th July 1876		
1	5		N. N. W. P. S. W.	1 B. W.		Com's with 1 fresh. Breezes from the Southward and Westward and bad Sea running (at 10 P.M.)			
2	5					handed light Sails.			
3	5								
4	5								
5	5								
6	5								
7	5								
8	5								
9	5								
10	5								
11	5								
12	5								
1	4					Midnight fresh breezes and Squally			
2	4								
3	4								
4	4								
5	3								
6	3								
7	3								
8	3								
9	3								
10	3								
11	2								
12	2								
							Latter Part Moderate breezes and thick Squally weather with rain		
							No Obs this day		
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks
						Wednesday day of 26 th July 1876
1	2		S.E	Sh W	1 Point-	Begins with light breeze from the Southward and Westward and thick squally weather (at 4 P.M.)
2	2					
3	2					
4	2					
5	2		N.W		1	Tacked Ship to the Northward and Westward
6	2					
7	2					
8	2	5				
9	2	"				
10	2	"				
11	2	"	N.E			
12	2	"				
1	2	"	N.W	N.W	1 Point	Midnight-
2	2	"				light breeze and
3	2	"				thick weather
4	2	"				(at 4 A.M.)
5	2	"	N.W		" "	Tacked Ship to the Southward and Westward
6	2	"				
7	2	"				
8	2	"				
9	2	"				Ends
10	2	"				The Same
11	2	"				
12	2	"				No Obs this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
						Thursday day of 27 th July 1876
1	2		N.W.	N.W.	1 Point	Coms with slight baffling
2	3					winds and Squally weather
3	3			North	No	
4	2	5-				
5	2	"		N.E.		
6	2	"		E.S.E.		Midnight-
7	2	"				wind tacked to the
8	2	"	West-	North		Southward and Eastward
9	2	"		N.E.		
10	2	"		East-		
11	2	"				
12	3			S.E.		
1	6		N.E.			
2	6					Latter Part-
3	6					fresh breeze and
4	6					thick weather
5	6					
6	5-					
7	5-					
8	5-					
9	5-					No Obs this day
10	5-					
11	5-					
12	5-					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
						Friday day of 28 th July 1876
1	6		N of S	East-		Com ^d with fresh breezes from the Eastward and thick weather with heavy rain
2	6					
3	6					
4	6					
5	5			ESE		
6	5					
7	5					
8	5			South		
9	5					
10	5					
11	4					Midnight-
12	4					Moderate breezes and clear weather
1	4					
2	4					
3	4					
4	4			ESE		
5	4					
6	3	5				Latter Part- Light breezes and passing squalls
7	3	5				
8	3	"				
9	3	"				
10	3	"				
11	3	"				
12	3	"				No Obs this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks
						Saturday day of 29 th July 1876
1	4		N of S	NE		All of this day Moderate breeze from the Northward and Eastward and fine weather (all drawing Sails Set)
2	4		West-			
3	4					
4	4					
5	4					
6	4	5				
7	4	5				
8	4	5				
9	4	5				
10	4					
11	4			NNE		
12	4					
1	4					
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					Ends
8	3	5				Squally with rain.
9	3					
10	3					No Obs this day
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks
						Sunday day of 30 th July 1876
1	4		N $\frac{1}{2}$ N	N.N.E		All of this day moderate breeze from the Northward and Eastward and fine pleasant weather Call Sails Set
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					
1	4		N $\frac{1}{2}$ N			The Same moderate breezes and fine weather Latitude of Obs 34.11 N
2	4					
3	4					
4	4					
5	4					
6	4			North		
7	4					
8	4					
9	3					
10	3					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
						Monday day of 31 st July 1876
1	3		N $\frac{1}{2}$ N	Norm		The wind still continues from the Northward and Eastward moderate breezes and fine pleasant-weather N.N.E
2	3					
3	4					
4	4					
5	4					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					
1	3					Ends The Same Latitude of Obs 34.10 N Longitude per Chron 61.41 W
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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towards

[illegible]

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks
						Thurs day of 30 th Aug ^r 1876
1	3		S by N N by N 10 Pnts			Begins with moderate breezes
2	3					and Squally weather
3	3					(at 6 PM)
4	3					handed light sails
5	3					
6	1					
7	1					
8	1					
9	1					
10	2	5'				
11	2	5'	N by S N. N			midnight-
12	2	5'				Moderate breezes
1	2	5'				and Squally
2	3					
3	3					
4	3				1 1/2 Pnts	
5	3					
6	3					
7	3					
8	3	5'				Latter Part-
9	3	"				fresh breezes
10	3	"				and passing Squally
11	3					Latitude of Obs 32 11 N
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
						Friday day of 4 th Aug 1876
1	3		N by S N. N 2 Pnts			All of this day moderate
2	3					breezes from the N or N by E
3	3					and Westward and
4	3					Squally weather
5	3					
6	2					
7	2					
8	2					
9	2					
10	2					midnight-
11	2		N by S			Squally with heavy
12	2					rain
1	2					
2	2					
3	2					
4	2					
5	2					
6	2					Latter Part-
7	3					Squally.
8	3					
9	3					
10	3					
11	3					
12	3					Latitude of Obs 31.40 N

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY	Remarks
Monday day of 7 th Aug 1876						
1	1		West	N.N.W.		All of this day light-buffin winds from the N.W. windward Westward and fine pleasant weather
2	1					
3	1					
4	1					
5	1		N.N.W. West-			
6	1		N.N.E. N.W.			
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					
1	2		N.W.			Ends the Same
2	2					
3	2					
4	2		N.E.			
5	2		S.W. N.W.			
6	2					
7	2					
8	2					
9	2					
10	2		S.W.			
11	2					
12	2		N.W.			
Latitude of Obs 31.55 N						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Tuesday day of 8 th Aug 1876						
H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
1	1	3'	North	N.W.		The wind still continues light-buffing winds from the N.W. windward and Westward and fine pleasant weather
2	1	3'				
3	1	3'				
4	1	"				
5	1	"				
6	1	"				
7	1	"				
8	1	"				
9	1	"	N.W.			
10	1					
11	1					
12	1					
1	1					Ends the Same light-buffing winds Latitude of Obs 32.26 N
2	1	"				
3	1	"				
4	1	"				
5	1	"	North			
6	1	"				
7	1	"				
8	2					
9	2					
10	2					
11	2					
12	1					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
						Wednesday day of 9 th Aug 1876
1	1		North	N.N.W		Coms with light-buffling airs from the Northward and Westward and fine pleasant-weather
2	1					
3	1					
4	1	5				
5	1	5				
6	1	5				
7	1	5	N.N.W			Midnight-Moderate breeze and clear weather
8	2					
9	2		N.W	N.N.W		
10	2					
11	2					
12	2					
1	2		N.N.W			Latter Part-Gentle breeze and fine weather
2	2					
3	2					
4	2					
5	2					
6	2		N.N.W			
7	2					Latitude of Obs 33.21 N
8	1					
9	1		N.N.W	West-		
10	1					
11	1					
12	1					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks
						Thurs day of 10 th Aug 1876
1	2	5	N.N.W	West-		Begins with light breeze from Southward and Westward and fine weather
2	2	5				
3	2	5	N.N.W	S.S.W		
4	2	5				
5	2	4				
6	2	11				
7	2	11				Middle and Latter Part-Calm and fine weather
8	2	11				
9	2	11				
10	2					
11	2					
12	2		N.N.W	West-Calm		
1	0					Latitude of Obs 33.41 N
2	0					
3	0					
4	0					
5	0					
6	0					
7	0					
8	0					
9	0					
10	0					
11	0					
12	0					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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towards

[illegible][illegible]

H	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks	day of	187		
						Sunday	13 th	Aug		
1	4		N.N.W. S.E. S	S.E. S		All of this day moderate breezes from the South and Eastward and fine weather		1876		
2	4									
3	4									
4	4									
5	4									
6	4									
7	4									
8	4									
9	4									
10	4									
11	4									
12	3									
1	3			S.E.		Ends The same moderate breeze and fine weather Latitude of Obs 35, 10 N.				
2	3									
3	3									
4	3									
5	3									
6	3									
7	3									
8	3	5-								
9	3	"								
10	3	"								
11	3	"								
12	3	5'								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks	day of	1876
1	3		N.N.W. S.E.	S.E.		Com. with moderate breezes from the South and Eastward and fine weather	Monday	14 th Aug 1876
2	3							
3	3							
4	3							
5	3							
6	3							
7	3							
8	2	5						
9	2							
10	2							
11	2							
12	0							
1	0		N.N.W. S.E.	S.E.		Midnight - calm and heavy swell vessel rolling heavily		
2	0							
3	1	5-						
4	1	5-						
5	1	5-						
6	1	5-						
7	1							
8	1							
9	1							
10	1							
11	1							
12	1							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks
1	2	5	N.N.W	West	10 Pmt	Tuesday day of 15 th Aug 1876 Begins with moderate breezes from the Westward and squally weather with a heavy sea running vessel rolling heavily.
2	2	"				
3	2	"				
4	2	"				
5	2	"				
6	3	"				
7	3	"				
8	3	"				
9	3	"				
10	3	"				
11	3	"				
12	3	"				
1	2	"				Middle Part - The same moderate breeze and squally.
2	2	"				
3	2	"				
4	2	"				
5	2	"				
6	2	"				
7	2	"				
8	0	"				Later Part - Calm and Cloudy
9	0	"				
10	0	"				
11	0	"				
12	0	"				

Middle Part - The same moderate breeze and squally.

Later Part - Calm and Cloudy

Latitude of Obs 36.52

Strong Current - Setting about E.N.E.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
1	1	5	N.N.W	East		Wednesday day of 16 th Aug 1876 Begins with a light air from the Eastward and fine weather (at 7 P.M.)
2	1	"				
3	1	"				
4	1	"				
5	1	"				
6	1	"				
7	1	"				
8	0	"				
9	0	"				
10	0	"				
11	0	"				
12	0	"				
1	1	5	S.W	N.N.W		
2	1	"				
3	1	"	North			
4	1	"				
5	1	"	West			
6	1	"				
7	1	"				
8	1	"				
9	1	"	S.W	N.N.W		
10	1	"				
11	1	"				
12	2	"	N.N.W	West		

Ends the same light-buffing winds and fine weather

Latitude of Obs 37.03

Had a Strong Current - Setting E.N.E.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
Thursday day of 17 th Aug 1876						
1	3		N.N.W	West-		Cornis with a light breeze
2	3					from the Westingb and full
3	3					weather (all Sails Set)
4	3					(at 8 PM)
5	3					Lacked Ship to the North and
6	3		North			and Westward
7	2					
8	1		N.E.			
9	1	3-	N.N.W	North		
10	1	"				Midnight-
11	1	"				light-air and cloudy
12	1	"				weather
1	1	"	N.W.			
2	1	"				
3	1	"				
4	1	"				
5	2	"	N.N.W	N.E.		
6	2	"				
7	2	"		East-		
8	2	"		S.E.		Latter Part-
9	2	"				Gentle breeze and
10	2	"				cloudy
11	2	"				
12	2	"				Latitude of Obs 37, 34 N.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
Friday day of 18 th Aug 1876						
1	2		N.N.W	S.E.		Cornis with moderate breezes
2	3					from the Southward and Eastward
3	4					and cloudy weather
4	4			S.E.		(at 9 PM)
5	3					Wind Carried to the Westward
6	3					and Squally handed light Sails
7	3					
8	3					
9	3			West-		Midnight-
10	2					light-buffing winds
11	2					and thick weather
12	2					
1	2					
2	2					
3	1					
4	1		West-N.N.W			Latter Part-
5	1					Moderate breeze
6	1		N.W.			and hazy weather
7	2					All Sails Set-
8	3		N.N.W	N.E.	1/2	
9	4					
10	4					Latitude of Obs 38, 15 N.
11	4					
12	0					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks	day of 19 th Aug	1876
1	0.		NNE	EVE		Cont. with Moderate breezes		
2	4					from the Northward and Eastward		
3	4					and hazy weather		
4	4							
5	4							
6	0.					Midnight		
7	0.			East		fresh breezes and		
8	0.					cloudy weather		
9	0.					(at 3 am)		
10	0.					Made Barnegat Light bearing		
11	0.					N.N.W. Compass dist. about 14		
12	0.					miles (at 5 do)		
1	0.					Received New York Pilot		
2	0.					onboard from Pilot-Boat No 2		
3	4			Latter Part				
4	4					Moderate breezes from the		
5	4					Eastward and thick weather		
6						at 12 noon passed the Highlands		
7						at 4 PM passed Sandy Hook		
8						at 6 PM Came to Anchor of		
9						The Battery with 30 fathoms of		
10						Chain furled all sails		
11								
12						This day Ends with 36 hours		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks	day of 20 th Aug	1876
1						Begins fresh breezes from the		
2						Northward and Westward		
3						and fine pleasant weather		
4						Latter Part		
5						Moderate breezes and fine		
6						weather		
7								
8								
9						Monday Aug 21 st		
10						Cont. light breeze from		
11						the Westward at fine weather		
12						at 10 AM hoisted anchor and		
1						took steam and towed to		
2						Morris Canal Baisen Jersey		
3						and made fast		
4						Discharged Seaman		
5						Steward and Second Mate		
6						So ends the day light breezes		
7						and fine weather		
8								
9						69 days from Almeria		
10						to New York		
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Bark. Endeavor New York

Bath

H K. $\frac{1}{2}$ K COURSES, WINDS, LEEWAY, Remarks Thursday day of 7th Sept 1876

1 Com^d with a light breeze from
 2 the Eastward and thick weather
 3 (At 9 Am)

4 Crew Came on board Cast off from
 5 the wharf

6 and took Steamer
 7 Charm and towed down to
 8 Hart Island

9 and (Came to anchor
 10 wind S.E.)

11 and thick weather
 12 Kept Anchor watch)

Friday Sept 8th

1 The wind Still continues
 2 light breezes from the Eastward
 3 and

4 thick weather with rain

5 Still lying at anchor waiting
 6 Change of wind

7 Left Jersey City for Bath Sept 7th 1876
 8 (Capt. Robert Dyer Pilot)

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H. K. $\frac{1}{2}$ K. COURSES, WINDS, LEEWAY, Remarks Saturday day of 9th Sept 1876

1 Begins with moderate breeze
 2 from the Northward and clear
 3 weather (At 6 Am)

4 hove up anchor and got under
 5 way and proceeded down
 6 the Sound (At 11 Am)

7 wind shifted
 8 to the Northward and Eastward
 9 Kept off and run back to
 10 Hart Island and came to anchor
 11 and furled all sails

12 (Ends wind East-

Sunday 10th Sept

1 Begins with moderate breeze
 2 from the Northward and Eastward
 3 and thick weather
 4 (At 3 PM)

5 wind shifted to the Southward
 6 hove up anchor and got underway
 7 and proceeded down the Sound

8 Midnight wind S.E. and thick

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

JOURNAL from

(towards)

Bk. Ondeares from New York } Bath Maine

H. K. $\frac{1}{2}$ K. COURSES, WINDS, LEEWAY, Remarks, Monday day of 11th Sept- 1876

1 Begins with a light breeze from
2 the Southerly and Easterly
3 and thick weather.
4 (at 12 noon)
5 of Little Gull light-house
6
7 Latter Part.
8 Moderate breeze
9 from the SE. and clear weather
10 midnight.
11 Montauk light bore S.W.
12 dist. 6 miles

Tuesday Sept-12th

(Ends wind N.W.)

1 Coms moderate breezes from
2 the Northerly and Easterly and
3 Cloudy weather (at 2 PM) Made
4 Block Island light on the Southerly
5 end bearing E.N.E. dist. 12 miles
6 Middle Part. Calm
7 midnight.
8 Block Island light
9 on the Northerly end bore N.W.
10 Ends. Calm and Cloudy
11
12

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H. K. $\frac{1}{2}$ K. COURSES, WINDS, LEEWAY, Remarks, Wednesday day of 13th Sept- 1876

1 Coms with a Calm and Cloudy
2 at 1 AM
3 light breezes from the
4 Southerly and Easterly
5 at 11 AM Passed Long Point light-
6 Ship (at 12 noon) Gay Head light-
7 bore S.E. dist. 18 miles
8
9 Latter Part
10 Moderate breeze from
11 Southerly and Westerly and Cloudy
12 weather at 2 PM. passed Tarpeau
1 Core at 3.30 PM passed Holmes Hole
2 at 4.30 PM passed Cape Poge at 5.45 PM
3 passed Cross Rip light-Ship
4 at 11 PM
5 Came of the Sholes
6 wind S.W.
7
8
9 Ends light breezes and
10 fine weather
11
12

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

towards

Friday 15th Sept. - Begins fresh breezes from
Southeast and West and
thick weather with rain
At 7 am passed in by Seegins
At 8 do wind shifted to the
Northwest Westwind comes to
Anchor at Parker's flats
At 4 PM took Steam and moved
to Bath and made fast.
Discharged Seamen

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks	day of	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

[illegible]

towards

[illegible]

H	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
						Tuesday day of 26 th Dec 1876
1						Begins with a light breeze
2						from the N.W. and cloudy
3						weather finished. Loading
4						(at 12 noon)
5						Crew came on board Lark. Steamer
6						beg and lowered down river
7						
8						This day log is for 12 hours
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks
						Wednesday day of 27 th Dec. 1876
1						Begins Calm and Cloudy weather
2						at 3 PM Low Boat-let go
3						Sequin Island light. House
4						bearing N. by E. dist. 5 miles
5						Secure anchors chains and
6						things about decks
7						(at 12 midnight)
8						Sequin light- bore N. by E.
9						dist. 12 miles which I
10						take by Sept. from
11						
12						
1	4			N. by W.		
2	4					
3	4					
4	4					
5	5					Lighter Part-
6	5			N. by W.		and Cloudy lighter breezes
7	4					(all sails set)
8	4					
9	3					
10	3					
11	2			N. by W.		Pumps Duly Attended to
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks
						Thurs day of 28 th Dec 1876
1	16		Sb	N.W.		All of this Day Moderate
2	16					breezes from the Northward
3	4					Westward and fine weather
4	4					at 8 P.M.
5	3					Made Cape Cod light-
6	3					bearing West-12 miles dis-
7	6					Midnight
8	6					Cloudy
9	6					
10	6					
11	6					
12	6					
1	6					
2	6					
3	6					
4	6					
5	4					Middle and Latter Part-
6	4					Light-breezes and Cloudy
7	3					weather
8	3		" "			
9	3			N.W.		
10	3					
11	3					Pumps Daily Attended
12	3					Noobs this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
						Fri day of 29 th Dec. 187
1	3		Sb	N.W.		Comm with moderate breezes
2	3					from the Northward Westward
3	3					and cloudy weather
4	3					
5	3					
6	3					
7	3					
8	3					
9	4					Midnight
10	4					fresh breezes and
11	3					thick weather with rain
12	3			East		
1	6					
2	6					
3	7					
4	7					
5	7					
6	7					
7	7					Latter Part-
8	7					fresh breezes
9	7					and thick weather
10	7					
11	7					Pumps Daily Attended to
12	7			S.E.		No Obs this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks	Monday day of 1st Jan 1877
1	3		South	N.N.W.		Begins with fresh gale from the North and Westward and thick weather heavy sea running vessel-crowling heavy shipping great quantity of water on deck at 2 P.M.	
2	3					Shipped a sea on deck washing part of the deck load over board Under Easy Larass	
3	3						
4	3						
5	3						
6	3						
7	3						
8	3						
9	3						
10	3						
11	3						
12	3						
1	3					Midnight -	
2	3					More moderate	
3	3					Set Upper main Toppers and Jib	
4	3						
5	3						
6	3						
7	3						
8	2					Loatter Part -	
9	2					Light breeze	
10	2					and thick weather	
11	2					No Obs this day	
12	2					Perhaps Duty Attended	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks	Tuesday day of 2nd Jan. 1877
1	1	3	South	N.N.W.	2 Points	Begins with a light breeze from the North and Westward and Cloudy (at 1.30 P.M.)	
2	1	3	East-	S.E.		Wind Parted to the Southward and Eastward and rain (at 3 P.M.)	
3	1	3				Wore Ship to the Southward at 6 do Wind and Sea increasing handed Main Upper Toppers Fore Sail Jib	
4	1	3					
5	1	3					
6	1	3					
7	1	3	South				
8	2						
9	2						
10	2						
11	2		East-				
12	2						
1			Loay up to South end of W. S. E. drift - 1 1/2 miles				Midnight.
2			Upper Main				
3						handed Fore	
4						Lower Toppers were Ship to the Southward and Eastward and here to	
5							
6							
7							
8							
9						Loatter Part -	
10						Strong gales	
11						and high sea running vessel-crowling heavy labour heavy	
12						Under Easy Sail	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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No Obs this day

H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
1						Wednes. day of 30 th Jan 1877
2						Boat up to S.W. and of
3						to S.W. drift about 1 1/2
4						miles per hour
5						All of this day strong gales
6						from the North and Westward
7						and a high Sea running vessels
8						rolling and laboring they
9						decks flooded with water
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						Ends the same with heavy
8						squalls and rain
9						Pumps duly attended to
10						No obs. this
11						
12						

Ends the same with heavy
squalls and rain
Pumps duly attended to
No obs. this

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks
1						Thurs day of 4 th Jan 1877
2						The gale still continues strong
3						from the North and Westward
4						and a high Sea running vessels
5						still laboring hard
6						(Under easy canvas)
7						
8						
9						
10						Middle Part of
11						The wind the
12						same Sea increasing
1						(at 4:30 AM)
2						Shipped a heavy Sea on deck
3						Carrying the mast and some
4						of the deck load overboard
5						Broke Stanchions Mainmast rail
6						and Stove in Cabin doors and
7						filled Cabin with water
8						
9						
10						(Ends the same)
11						No obs. this day
12						Pumps duly attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks
						Friday day of 5 th Jan. 1877
1						The gale still continues strong from the North wind and fresh and high sea running vessel still labouring hard Under easy canvas
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						Midnight - The same Latter Part - wind more moderate sea still running high (made no sail) Latitude of Obs 34 26 N Pump Duty attended to
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
						Saturday day of 6 th Jan. 1877
1	1	3	S. by N	West		Begins with fresh breezes from the Westward and bad head sea still running vessel still rolling heavy (at 5 PM) Set lower fore topsail and fore sail Midnight - Moderate breeze and clear weather set upper topsails at 8 AM made all sail Latter Part - Moderate breeze and fine weather Latitude of Obs 33 32 Pumps Duty attended to
2	1	"				
3	1	"				
4	1	"				
5	"	1	S. by N			
6	1					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					
1	2		S. by N	West		EVE East.
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks	Monday day of 15 th Jan.	1877
1	3		SSE	SW	10 mi.	Coms with moderate breezes from the S. and W. and thick weather with rain		
2	3							
3	3							
4	3							
5	3							
6	3							
7	3							
8	3							
9	3							
10	2							
11	2							
12	2							
1	2					Middle and latter Part light breeze and cloudy weather At 12 noon Tacked Ship to the S. and Westward		
2	2							
3	2							
4	2		SE	SW				
5	2							
6	2							
7	2							
8	2							
9	2		East-SE					
10	2							
11	2							
12	2							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks	Tuesday day of 16 th Jan.	1877
1	3		SW	SSE		Coms with a moderate breeze from the S. and East and cloudy weather		
2	3							
3	3							
4	3							
5	3							
6	3							
7	3							
8	3							
9	3							
10	3							
11	3							
12	4							
1	4					Middle and latter Part moderate breeze and fine weather		
2	4							
3	4							
4	2							
5	2							
6	2							
7	2							
8	2							
9	2							
10	3							
11	3							
12	3							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks	
						Wednesday of 17 th Jan. 1871	
1	2		SE	S.E.		All of this day Moderate breezes from the S.W. and Eastward and fine pleasant weather	
2	2						
3	2		SE	S.W. East			
4	2						
5	2						
6	2						
7	2						
8	2						
9	3						
10	3						
11	3						
12	3						
1	3		SE	E.N.E.	Latitude of Obs 28.15. N Pumps Daily Attended		
2	3						
3	3						
4	3						
5	3						
6	3						
7	3						
8	3						
9	3						
10	3						
11	3						
12	3						

Ends the Same

Latitude of Obs 28, 15. N
Pumps Daily Attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
1	3		SE	S.W. E.N.E.		Thurs. day of 18 th Jan. 1871 The wind still continues Moderate breezes from the S.W. and Eastward and fine pleasant weather
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					
1	4		SE	S.W. E.N.E.		Ends the Same Latitude of Obs 27, 49 Pumps Daily Attended
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
						Friday day of 19 th Jan. 1877
1	4		S. W. E. N. E			Comes with moderate breeze from the North and East and cloudy weather
2	4					
3	4					
4	5					
5	5					
6	5					
7	5					
8	5					
9	6					Middle Part - Light breeze and thick weather with rain
10	4					
11	4					
12	4					
1	3					Later Part - fresh breeze and cloudy
2	2					
3	2			N. E		
4	2					
5	2					Latitude of Obs 27 30 N Pumps Duly attended
6	2					
7	2					
8	4					
9	4					
10	6			E. N. E		
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks
						Saturday day of 20 th Jan. 1877
1	6		S. W. E. N. E			The wind still continues fresh breeze from the North and East and cloudy weather
2	6					
3	6					
4	6					
5	5					
6	4					
7	3					
8	2					
9	2					Middle and Latter Part - Light breezes and fine weather
10	2					
11	2					
12	2					
1	1	5				(At 12 Noon) Made Guanica Key light house bearing S by W $\frac{1}{2}$ W dist. 8 miles
2	1	6				
3	1	6				
4	3					
5	3					
6	3					
7	3					
8	3					
9	2					Pumps Duly attended
10	2					
11	2					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
						Tuesday day of 23 rd Jan 1877
1	2		East-	SE	10 Punt	The wind still continues
2	2					light-breezes from the
3	2					Southern and Eastward
4	2					and cloudy weather
5	2					
6	2					
7	2					
8	1	0.				
9	1	"	NE	E		Midnight.
10	1	"				Went Ship to the
11	1	"				Southern and Westward
12	1	"				
1	1	"	SW	SE	10 Punt	
2	1	"				
3	1	"				
4	1	"				
5	1	"				
6	1	"				
7	1	"				Latter Part-
8	1	"	SW	W		light-buffing
9	2					wind and heavy weather
10	2					
11	2		SW	South	do	Latitude of Obs 27° 05' N
12	2					Pumps duly attended

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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks
						Wednes day of 24 th Jan 1878.
1	2		W. N. Bore	10 mi		Corn with a light breeze from
2	2		E. S. E			the Sorewind and cloudy
3	2					weather (at 1 P.M.)
4	2					Tacked to the Sorewind and
5	2					Eastward
6	2					
7	2					
8	2					
9	2					Midnight
10	2					Moderate breeze
11	2					and clear weather
12	2					
1	3		S. E. S		do	
2	3					
3	3					
4	3					
5	3		S. E. E		do	
6	3					Latier Bore
7	3					fresh breeze
8	3					and fine weather
9	3					
10	3					Latitude of 26 26 N
11	3					
12	3					Pumps Dredge Attended to

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H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
						Saturday day of 27 th Jan. 1877
1						Begins with a light breeze
2						from the Eastward and fine
3	2		SE	E.N.		weather (at 2.30 P.M.)
4	3					Bark floated and proceeded
5	3					across the Banks
6	3					
7	8					at 12 midnight -
8	8					fresh breeze and
9	8					Clear weather (at 6 Am)
10	8		NE			of the Banks (at 6 Am)
11	7					Made Anguilla bearing N.E.W.
12	6					dist. 6 miles
1	3		NE	East		
2	3		SE			
3	3					
4	4					Latter Part -
5	3					light breeze and
6	3					fine weather
7	3		SE			(Anguilla) (at 8 Am)
8	2					East End bore NE by N dist
9	2		NE	East		about 7 miles
10	2					
11	2					
12	2					Pumps Duly Attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks
						Sunday day of 28 th Jan. 1877
1	2		NE	East		Coms with a light breeze from
2	2					the Northward and Eastward
3	2			NE		and fine weather
4	2					(at 8 P.M.)
5	3			North		Made Bahia de Padre by light
6	3					bearing N.E.W. dist. 10 miles
7	3					
8	3		NE			Midnight -
9	3					Lacked Ship to the
10	3					Northward and Eastward
12	4					(at 2 Am)
1	4		NE	N.W.		Lacked to the Westward
2	4					at 8 Am. Made Cruz del Padre by
3	4		West			light House bearing West - dist. 8 miles
4	3					(at 8.30 Am)
5	3					Came to anchor in 6 fathoms of
6	3		NE			water Cruz del Padre by light House
7	2					bearing NE by N dist. about 5 miles
8						
9						Latter Part -
10						fresh breeze from
11						Northward and Westward
12						and a heavy swell running

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY	Remarks	Monday day of 29 th Jan.	1877
1						Begins with a moderate breeze from the North-west and West and fine weather		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11						Latter Part - fresh breeze and a heavy swell.		
12								
1						(At 9 Am)		
2						Heave Port Anchor and 45 fathoms of Chain to keep the vessel from going on to a reef		
3						made Stee. (At 12 Noon)		
4						Cruz del Padre Cay leaving		
5						East - by Compass Dist. about		
6						12 miles (At 1 P.M.)		
7						Made Stone Cay light. Steer		
8						bearing N.E.W. Dist. 5 miles		
9						at 2 P.M. Received Cardenas Pilot on board		
10						at 4.30 P.M.		
11						Came to Anchor in the Harbor of Cardenas with 30 fathoms		
12						of Chain fresh all this day log is for 36 hours		

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

Bk. Endeavor Lying in the Port of Cardenas Cuba. 1877

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks	Tuesday day of 30 th Jan.	1877
1						Begins with Moderate breezes from the North and East and fine weather Edward Philbrooks Seaman took Boat and went on shore with liberty. and without. Consent - So ends this day		
2								
3								
4								
5								
6								
7						Wednesday Jan. 31 st		
8						Begins calm and pleasant weather Edward Philbrooks still		
9						absent from the vessel without		
10						leaves Ends Wind N.E.		
11						Thursday Feb. 1 st 1877		
12						Coms with a light breeze from the North and East and fine weather commenced to discharge Cargo Edward Philbrooks still on shore		
1						Friday Feb. 2 nd		
2						Coms with light breezes and fine weather Crew employed in discharging Cargo Edward Philbrooks still on shore without leave		
3						Ends fresh breezes from the North		
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks	day of	187
						<i>Saturday</i>	<i>3rd Feb</i>	<i>1</i>
1						<i>Coms with fresh breezes from the Northwind and fine weather Crew employed discharging Cargo Edward Philbrooks Stiles absent from the ship</i>		
2								
3								
4								
5								
6								
7						<i>Sunday 4th Feb 1877</i>		
8								
9								
10								
11								
12								
1						<i>Monday Feb 5th</i>		
2								
3								
4								
5								
6								
7						<i>Tuesday Feb 6th</i>		
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks	day of	1877
						<i>Wednesday</i>	<i>7th Feb.</i>	<i>1877</i>
1						<i>Coms with fresh breeze from the Northwind and fine weather Crew employed in discharging Cargo Edward Philbrooks Stiles absent</i>		
2								
3								
4								
5								
6								
7						<i>Thursday 8th Feb. 1877</i>		
8								
9								
10								
11								
12								
1						<i>Begins with moderate land breeze and squally weather Crew employed in discharging Cargo Edward Philbrooks came aboard and turned to Duty.</i>		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks	day of	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks
						Monday day of 9 th April 1877
1						Come with Moderate breezes from
2						the Northwind and Squally weather
3						Finished Loading
4						Whole Amount Cargo onboard
5						(550) Hds Sugar No 300 Bags Sugar
6						Draft of water 13:15 ft. 12:15 Fath
7						Ends fine weather
8						
9						
10						Tuesday April 10 th 1877
11						Begins with air from
12						the Southwind and fine weather
1						at 5 Am. Pilot-Came onboard here
2						up anchor made sail and got
3						underway and proceeded to derive
4						at 12 noon Calm
5						Later Part-
6						fresh breeze from the Northwind
7						at 5 pm
8						Came to anchor Slim Bay
9						light being NW of N dist 3 miles
10						secured all sail and
11						Kept anchor watch
12						(N.B) Best-Bower & fifty fathoms
						Chain out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon in.	Lon. by Ob.
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towards

New York 1877
day of 11th/₄ April 1877

[illegible][illegible]

H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
1	5		N/2W	SW		Saturday day of 14 th April 1877
2	5					Comd with fresh breezes the
3	5			WSW		Southern and Westward and Clear
4	5			West		weather (at 3 P.M.)
5	5					wind and Sea increasing hands
6	5					more Loppallant. Sail at 4 P.M.
7	5					Upper Loppallant
8	5		N/E			(at 5 P.M.)
9	5					hands: more Upper Loppallant
10	5					Midnight.
11	5					fresh gales and a
12	5					High Sea running vessel, reeling
1	5					heavy decks of wood and with water
2	5					Under Easy Canvas
3	5					
4	4					
5	3		N/E			
6	3					Latter Part.
7	3		N/E N.W		2 Points	More Moderate
8	3					but Squally with a bad Sea
9	2					running
10	2					
11	2					Latter Part Latitude of Obs
12	2					29.06
						Pumps Duly attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
1	2		N/E	W/SW	P.2.	Sunday day of 15 th April 1877.
2	2					Begins with fresh breezes the
3	2					Northern and Westward and
4	2					Squally weather with a high Sea
5	2					running vessel, reeling heavy
6	2					decks of wood and with water
7	2		N/E			at Midnight.
8	2					fresh gales and high Sea
9	2					at 2 A.M. Shipped a Sea over
10	2					The Quarter washing off the
11	2					Coar of the Suttle and letting
12	2					water down the half deck
1	2					
2	2					
3	2					
4	2					Latter Part.
5	2					Wind more Moderate
6	2					Sea still running high vessel.
7	2		N/E	N.W	2 Points	Still reeling heavy and washing
8	2					badly
9	2					decks free of water
10	2					of this day Under Easy
11	2					
12	2					Latitude of Obs. 29.38 N
						Pumps Strictly attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY	Remarks
						Monday day of 16 th April 1874
1	2		NE E	NW	2 Poles	Com's with moderate breezes from the North and West and a high Sea Steaming vessel still cooling heavy deck full of water
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2		ENE	North		Midnight - light breeze and clear weather heavy swell running
9	2					
10	2					
11	2					
12	2					
1	1	5				Latter Part - light breeze and fine weather Latitude by Obs 29-43 N Pumps Duly Attended to
2	1	"				
3	1	"				
4	1	"	East - NNE	2		
5	1	"				
6	1	"				
7	1	"				
8	1	"				
9	1	"				
10	1	"				
11	1	"				
12	1	"				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
						Tuesday day of 17 th April 1874
1	1	5	East - NNE			Com's with light air from the North and East and fine pleasant weather (at 6 PM)
2	1	"				
3	1	"				
4	1	"				
5	1	"				
6	1	"	ESE	NE		Wore Ship to the North and West
7	1	"	NNE			
8	1	"				
9	1	"				Middle and Latter Part - light breeze and fine weather. Mod. all sail
10	2		North	ENE		
11	2					
12	2					
1	2					
2	1					Latitude by Obs 30. 01 N Pumps Duly Attended to
3	1					
4	1					
5	2					
6	2					
7	2					
8	2		NNE			
9	2					
10	2		NE & NSE			
11	2					
12	2			South		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
1	2		N E S S W			Wednes day of 18 th Apr 187 ^y Comm with ^{light} breeze from the SSE and fine pleasant weather (All drawing Laid out)
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					Midnight - light breeze and
11	2					Clear weather
12	4					
1	3		N N E S S W			
2	3					
3	3					
4	3					
5	3					
6	3					Latter Part -
7	3					Moderate breeze
8	3					and fine weather
9	3					
10	3					Latitude of Obs 31° 03' N
11	3					Pumps Duly attended to
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks
1	4		N E S S W			Thurs day of 19 th Apr 187 ^y Begins with a Moderate breeze from the SSE and fresh and fine pleasant weather
2	4					
3	4					
4	4					
5	4					
6	4					Midnight -
7	5					fresh breeze and
8	5					Cloudy
9	5					at 8 Am
10	5					Sea making
11	6					
12	6					
1	6		S S W			
2	6					
3	6					
4	6	5				Latter Part -
5	6	"				Strong breeze
6	6	"				and high Sea running
7	6	"				
8	7					Refers. washing body decks
9	7					flooded with water
10	7					
11	7					Latitude of Obs 33° 08'
12	7					Pumps Carefully attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks
						Friday day of 20 th April 1877
1	7		N.E. Scurm			All of this day fresh gales from the South and West wind
2	7					
3	7					
4	7					
5	7		W. S. S.			Midnight -
6	7					handed Fore Upper
7	7					Topsails and Main Topgallant Sails
8	8					Throught - this day a high sea running vessel rolling heavy
9	8					
10	8					
11	8					
12	8					decks flooded with water.
1	8					
2	8					
3	8					
4	8					
5	8					
6	7		N.E. Scurm			Eondo More Moderate Set - Main Topgallant Sails
7	7					
8	6	5				
9	6	"				
10	6	"				Latitude by Obs 36.31 N
11	6	"				
12	6	"				
						Pumped Ship every 2 hours

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
						Saturday day of 21 st April 1877
1	6		N.E. Scurm			Com ^d with fresh breezes from the South and high sea
2	6					
3	6					
4	6					
5	6		North West			Still running vessel washing badly
6	6					at 4 P.M.
7	6					handed Tanted to the West wind
8	6					Moderate
9	5					Midnight - wind
10	5					Tanted to the N.W.W. fresh
11	4					handed Topgallant Sails & Fore Upper Topsails
12	4					
1	3		N.E. N.W.W. 1/2 Scurm			
2	3					
3	3					
4	3					
5	3					
6	3					
7	3		W. S. S.			Latter Part Moderate breeze and Cloudy Made: all Sails
8	3					
9	3					
10	3					
11	3					Latitude by Obs 37.50 N
12	3					
						Pumped Carefully Attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks
						Sunday day of 22 nd April 1877
1	4	5	N.E	N.W.	1/2 Punt	Begins moderate breeze from
2	4	"				the North and West and
3	4	"				Cloudy (at 1 PM)
4	4	"				Sounded 50 fathoms no Bottom
5	4	"				
6	4	"				
7	3		N.N.E	N.W.		
8	3					
9	3					
10	3					
11	3					
12	3					Middle and Latter Part
1	3		N.E	N.W.	1 Punt	fresh breeze and Cloudy
2	3					(at 3 AM)
3	2	5-				handed light Sails at 5 do
4	2	"	N.E		1/2 Punt	handed Lopsail Sails
5	2	"				and Fore Upper Lopsail
6	2	"				
7	2	"				(at 12 Noon)
8	2	"	E.N.E	North	2 Punt	Tacked Ship to the North &
9	2	"				West
10	2	"				
11	2	"				Latitude of Obs 38.37 N
12	2	"				Pumps Daily Attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K	COURSES,	WINDS.	LEEWAY.	Remarks
						Monday day of 23 rd April 1877
1	2	5-	N.W.	North	2 Punt	Coms with fresh breeze from
2	2	5-				the North and West and
3	2	5-				Cloudy weather
4	2	5-				
5	2	5-	N.W.			
6	2	5-				Midnight
7	2	5-				light breeze and
8	2	5-				heavy Sails from the N.E
9	2	5-				
10	2	5-				
11	2	5-				
12	1					
1	1					Latter Part
2	1					Moderate breeze and
3	1		N.W.			fine pleasant weather
4	2					(at 10.30 AM)
5	2					Received New York Pilot
6	2					onboard from Boat No 13
7	2					Made all Sails
8	2		West-N.W.			
9	3					
10	3					Latitude of Obs 39.07 N
11	3					Pumps Daily Attended to
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks
Leedsy day of 24 th April 1877						
1	3		West-	N.W.		Com's with light-breezes from the North and West and fine weather (At 2 PM) Tacked Ship to the North and East Midnight Light-buffling wind (at 3.30 am) Made Barnegat-light bearing about N.W. dist about 18 miles (at 8 do) Tacked Ship to the West Latter Part Light-air and calm (at 12 Noon) Sounded 21 fathoms Pumps Duly Attended
2	3					
3	2		N.E.			
4	2					
5	2					
6	1					
7	1					
8	0					
9	0					
10	1					
11	1		North-			
12	1					
1	1		N.E. N			Along Current - Setting to the South and West
2	2					
3	2					
4	2					
5	2		N.E. E N.W.			
6	2					
7	2					
8	2					
9	2					
10	1		North S.W.			
11	0					
12	0					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks	Wednesday day of 25 th April 1877		
1	1		N.W. West-			Begins with a light-air from the West and fine weather (at 10.30 PM) Barnegat-light bore N $\frac{1}{2}$ W dist about 14 miles Midnight Calm at 4.30 am Moderate breeze from the North and West Latter Part Moderate breeze and clear weather At 12 Noon Tacked to the South and West Pumps Duly Attended			
2	1								
3	1								
4	1								
5	2								
6	2		N.W. East-						
7	2								
8	2								
9	2		South						
10	0		Calm						
11	0								
12	0								
1	0					Latter Part Moderate breeze and clear weather At 12 Noon Tacked to the South and West Pumps Duly Attended			
2	0								
3	0								
4	0								
5	3		N.E. E N.W.						
6	3								
7	3								
8	4								
9	4		N.E. N						
10	4								
11	4								
12	4								
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks	Thursday day of 26 th April 187
1	4		Sh	W.N.W		Coms with moderate breeze.	
2	3					from the North and West and	
3	3		N.S.W	N.W		and fine weather. at 7 P.M.	
4	3					Made Barnegat light bearing S.W.	
5	3					by dist - 15 miles at 8 P.M. Locked	
6	4					Ship to the North and East and	
7	4					(at 10 P.M.) Made	
8	6					Highland light - bearing N.W.	
9	6		N.E. by N				
10	5						
11	3					Middle Part	
12	3					light breeze and	
1	3					Cloudy weather at 3 A.M. Made	
2	3					Pier Island light bearing N.E.	
3	2		N.S.W	N.W		Locked Ship to the South and	
4	2					West and	
5	2					Latier Part	
6	2					Light breezes from the North and West and	
7	2					and Cloudy at 8 A.M. Took Steam and	
8						turned to Congress Street - Stores and made	
9						fast - furlled all sails and Pumped	
10						Ship	
11						Discharged Seaman	
12							
							This day Log is for 36 hours

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks	day of	187
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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New York *Likiep*

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks	Wedens day of 23 May 1879
1							
2							
3							
4							
5							
6							
7							
8							
9	8		SSE	WNW			
10	8						
11	8						
12	8						
1	8						
2	8						
3	8						
4	8						
5	8						
6	8						
7	8						
8	8		NE				
9	8						
10	8						
11	8						
12	8						

comes in fine with strong NW wind at 1.30 the steam boat took us in tow & at 3 came to anchor on hersey flat at 4 Captain & Pilot came aboard got anchor & I ascended down the harbor at 7.30 the Pilot left & we ascended the Se at 9.30 in the highlands lights see next dist 8 miles

midel Part Squally with strong Brees

latter Part cleared of fine all drawing sail set

Burns attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
<i>SSE</i>	<i>128</i>	<i>120</i>	<i>23</i>	<i>38.20</i>	<i>38.22</i>	<i>..</i>	<i>25</i>	<i>73.39</i>	

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks	Thurs day of May 1879
1	8		SSE	WNW			
2	8						
3	8						
4	8						
5	8						
6	9						
7	9						
8	9						
9	9						
10	9						
11	10						
12	10						
1	10						
2	10			WNW			
3	10						
4	10						
5	8						
6	8						
7	8						
8	7						
9	7						
10	7						
11	7						
12	7						

comes in with strong NW wind & clear weather all drawing sail set

midel Part Squally

latter Part cleared of Wind more moderate

Burns attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
<i>SSE</i>	<i>221</i>	<i>211</i>	<i>20</i>	<i>34.29</i>	<i>34.18</i>	<i>6 W</i>	<i>23</i>	<i>73.30</i>	

JOURNAL from *New York* towards *Liberty*

H.	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks	Friday	day of	1879
1	5					comes in with light			
2	5					Bree & fine weather			
3	5					crew employed in repairing			
4	5					Sails & Boats			
5	5								
6	5								
7	5								
8	5								
9	5								
10	5								
11	5					mid & latter part			
12	5					fine & clear weather			
1	5					all drawing sail set			
2	5								
3	5								
4	5					Pumps attended			
5	5								
6	5								
7	5								
8	5					the gulf stream 12 hours NE			
9	5								
10	5								
11	5								
12	5								

Course.	Distance.	Diff of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE 1/4 E	112	111	12	33.08	33.07	14 N	14	33.16	33.18

II.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks
						Saturday day of 26 May 1877
1	4		S. by W	W		comes in with light winds & fine weather
2	4					
3	4					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					Inside & latter part fine at 4 P.M. being hauling to the East made all sail Pursup attended
12	3					
1	3					
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	2					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff of Lon	Lon in.	Lon. by Ob.
<i>51 1/2 N</i>	<i>57</i>	<i>75</i>	<i>2</i>	<i>31 54</i>	<i>31 51</i>	<i>1 1/2 N</i>	<i>2</i>	<i>89 20</i>	

New York to Kureyama

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks	day of	1877
1	6		Sh. W. E			comes in with steady	Monday	
2	6					Brees & fine weather		
3	6					all sail set		
4	6							
5	6							
6	6							
7	6							
8	6							
9	6							
10	6							
11	6							
12	6					midel part Brees & weather		
1	6					With fine weather		
2	6							
3	6							
4	6							
5	6							
6	6							
7	6					latter part fine all		
8	6					sail set with strong		
9	6					Brees		
10	6							
11	6							
12	6							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Sh. W.	190	184	36	28 52	28.52	"	42.	7402	

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks	day of	1877
1	8		Sh. W. NE			comes in with strong	Tuesday	
2	8					Brees & cloudy weather		
3	8		Sh. W. ENE			With light squalls		
4	8					& haze with fine rain		
5	8							
6	8							
7	8							
8	8							
9	8							
10	8					midel part the same		
11	8							
12	8							
1	8							
2	8							
3	8							
4	8					latter part cloudy		
5	8					With light squalls		
6	8							
7	8							
8	8					Scimfis attended		
9	8							
10	8							
11	8							
12	8							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Sh. W.	188	170	71	28 59	28.58	"	71	7430	

New York *Antigua*
Tuesday 29 *May* 187*7*

H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks	day of	187 <i>7</i>
1	9		<i>W</i>	<i>ENE</i>		<i>Comes in with Soreally Weather & Rainey at 8 am maid aboar light house Basing N. by W at 6:30 it Bore N. by E dist 5 miles</i>		
2	9							
3	9							
4	9		<i>W by N</i>					
5	9							
6	6							
7	6							
8	6							
9	6							
10	6							
11	6							
12	6		<i>W</i>					
1	6					<i>Midel & latter Part Squally with Rainey at 8 pm on the Banks Ends Rainey</i>		
2	6							
3	6							
4	6		<i>S. by E</i>					
5	5							
6	5							
7	5							
8	5							
9	5							
10	5							
11	5							
12	5							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks	day of	187 <i>7</i>
1	5		<i>E</i>	<i>ENE</i>		<i>Comes in with Rainey Weather & Squally at 8 pm mail coing key hailed up & GE</i>	<i>Wednesday</i>	<i>May</i>
2	5							
3	5							
4	5							
5	5							
6	4							
7	4							
8	4							
9	4							
10	4							
11	4							
12	4							
1	4					<i>Midel Part Rainey with Squalls</i>		
2	4							
3	4							
4	4							
5	4							
6	4							
7	4							
8	4							
9	4							
10	4							
11	4							
12	4							
1	4					<i>Latter Part cleared up at 5 came of the Banks at 11 paid the Island of Cuba</i>		
2	4							
3	4							
4	4							
5	4							
6	4							
7	4							
8	4							
9	4							
10	4							
11	4							
12	4							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks	Day of	187
1						Came in with five beams	31	May
2						at 1 maid No. 1		
3						at 4 came to anchor		
4						I parted all sail		
5						this day ends with		
6						19 hours		
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

[illegible]

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks	Friday 1 day of June 1877
1						Came in with fine weather	
2						with NE Wind crew employed	
3						in painting in side of boat	
4						End with squalls with rain	
5							
6							
7							
8						Saturday the 2	
9						Came in with Rainy	
10						Weather at 8 a.m. cleared	
11						up crew employed painting	
12						in side. latter part had	
1						one lighter took 90 bags	
2						hogheads	
3							
4						Sunday the 3	
5						Came in with Rainy	
6						Weather at 4 a.m. cleared	
7						at 9 got a lighter discharged	
8						106 duty hogheads	
9							
10							
11							
12							

[illegible]

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H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks	Monday day of	1877
1						Comes in with squalls		
2						& Rain at 6 o'clock		
3						Wind from N.E. fresh		
4						Employed in painting		
5						in side & out ends		
6						fine		
7								
8								
9								
10						Comes in with Rain		
11						with squalls at 6 am		
12						at 6 am employed		
1						in side & out, latter part		
2						discharged 100 only hogheads		
3						ends fine		
4								
5								
6						Comes in with fine		
7						weather & N.E. Wind		
8						employed in passing down		
9						River ends fine		
10								
11								
12								

[illegible]

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks	1879
1				NE		Thurs day of June Comes in with fine Weather crew Employed at work for about deck	
2							
3							
4							
5							
6							
7						Friday the 8	
8						Comes in with Rainy Weather at 4 am cleared off at 8 discharged 9 Sigs of cargo & 10 Bundles hoops	
9							
10							
11							
12							
1						Saturday 9	
2						Comes in with fine Weather crew Employed in discharging cargo took out 250 Rails 405 tires Cargo 198 wheels End with Rain	
3							
4							
5							
6							
7							
8							
9						Sunday 10	
10						Comes in with Cloudy Weather & Rain loaded a lighter with 100 Emf hoops ends Rainy	
11							
12							

[illegible]

[illegible]

H	K.	$\frac{1}{2}$ K	COURSES,	WINDS,	LEEWAY,	Remarks	day of	1877
1						Comes in with fine weather at 10 a m get under way & proceeded to sea latter part mail sardinas light	Thursday	June
2								
3								
4								
5								
6								
7								
8						Comes in with strong N ^W Wind & fine at 10 a m took Pilot of Matanzas at 11 came to anchor pulled all sail	Friday	the 15
9								
10								
11								
12								
1						Comes in with fine weather sent down maine yard & got heel ready for taking in cargo sent up gaff	Saturday	the 16
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS.	LEEWAY.	Remarks	day of	1877	
1						Comes in fine loaded sails latter part raining pulled all sails	Sunday	June	
2									
3									
4									
5									
6									
7						Comes in with fine weather crew employed in taking in cargo took in sixty co hogheads of Sugar & stood lit Ends with Rain	Monday	the 18	
8									
9									
10									
11									
12									
1						Comes in with N ^E Wind & strong breeze at 6 a m got a lighter of sugar with sixty hogheads took them in & stood them	Tuesday	the 19	
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY	Remarks	Wednesday day of 20 June 1877
1						Comes in with fine	
2						Weather & Eastley Wind	
3						Reseaved 60 sixt hogseas	
4						of Sugar & Stoad them	
5						Ends fine	
6							
7						Thursday the 21	
8						Comes in With fine	
9						Weather With NE Wind	
10						Reseaved Sixty six hogseas	
11						of Sugar & Stoad them	
12							
1						Friday the 22	
2						Comes in With fine	
3						Weather Crew Employed	
4						in taking in Cargo	
5						took in one hundred	
6						100 hogseas of Sugar	
7						& Stoad them	
8						Saturday the 23	
9						Comes in with fine	
10						Weather With Southeley	
11						Wind Reseaved 60 sixt	
12						hogseas of Sugar	
						midl Part Brainer	

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H.	K.	$\frac{1}{2}$ K.	COURSES,	WINDS,	LEEWAY,	Remarks
						Sunday 24 day of June 1877
1						comes in with fine weather
2						with NE wind hoisted
3						all sails & dried them
4						
5						
6						Monday the 25
7						comes in with fine
8						weather & NE wind
9						rescued 47 hogheads
10						of sugar & stowed them
11						
12						
1						Tuesday the 26
2						comes in with fine
3						weather crew employed
4						in taking in cargo
5						took in 103 hogheads
6						& finished dading
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by O ^b
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See under Jan, 20th, 1877
where seamen left the ship
and each day there after until he
returned Feb. 8th.

